

106th SEAC-3 meeting Day 02

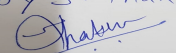
SEAC Meeting number: 106 Meeting Date March 8, 2020

Subject: Environment Clearance for Zensar Technologies Ltd.

Is a Violation Case: Yes

1.Name of Project	Kharadi Knowledge Park, MIDC Kharadi, Pune
2.Type of institution	Private
3.Name of Project Proponent	Zensar Technologies Ltd.
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Industrial Estate
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Proposal is for Environment Clearance for existing Knowledge Park
8.Location of the project	Plot no 4-MIDC Kharadi, Kharadi, Pune, Maharashtra.
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	Mr. Shashank Bangale
Room Number:	-
Floor:	-
Building Name:	Zensar Knowledge Park,
Road/Street Name:	Plot No. 4, MIDC, Off Nagar Road
Locality:	Kharadi
City:	Pune - 411014
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	EE/IT/Plans/2227 of 2007 dtd.27.11.2007 for Cafeteria bldg. and EE/IT/Plans/2365 of 2007 dtd.19.12.2007 for Rockies & Fuji bldgs. IOD/IOA/Concession/Plan Approval Number: EE/IT/Plans/2227 of 2007 dtd.27.11.2007 for Cafeteria bldg. and EE/IT/Plans/2365 of 2007 dtd.19.12.2007 for Rockies & Fuji bldgs. Approved Built-up Area: 52450.43
13.Note on the initiated work (If applicable)	Construction of the project is completed.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC Allotment letter dated 7th April 2003
15.Total Plot Area (sq. m.)	44,043.00 sq.m
16.Deductions	-
17.Net Plot area	44,043.00 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 36,629.82 b) Non FSI area (sq. m.): 15,860.61 c) Total BUA area (sq. m.): 52450.43
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 36,629.82 Approved Non FSI area (sq. m.): 15,860.61 Date of Approval: 19-12-2007
19.Total ground coverage (m2)	9474.52
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	21.5%
21.Estimated cost of the project	1100000000

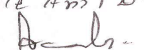
22.Number of buildings & its configuration

Joy S. Thakur


Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 8,
2020

Page 1 of
12

Name: K. Anil Kale
Signature: 

Shri. Anil Kale (Chairman
SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A' Block - Alps	Lower Ground + Ground + 4 floors	23.95
2	A1' Block - Himalaya	Lower Ground + Ground + 4 floors	21.85
3	Transformer	Ground floor	4.5
4	Security Cabin	Ground floor	3.82
5	Cafeteria	Basement + Lower ground + Ground + 1 floor	12.0
6	Corporate Block	Stilt + Ground + 1 floor	9.88
7	Fuji	Basement + Lower ground + Ground+ 7 floors	38.25
8	Rockies	Basement + Lower ground + Ground+ 4 floors	26.175

23.Number of tenants and shops NA

24.Number of expected residents / users For Entire Project: 3625 Nos For Phase III:1805 Nos

25.Tenant density per hectare 823

26.Height of the building(s)

27.Right of way (Width of the road from the nearest fire station to the proposed building(s)) 50 m

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

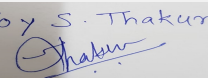
29.Existing structure (s) if any Total built-up area including FSI and Non FSI constructed till date = 52450.43sq m (inclusive all three phases) Construction taken place after EIA notification 14.9.2006 and without EC (Phase III) = 28651.46 sqm

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

31.Production Details

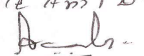
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

32.Total Water Requirement

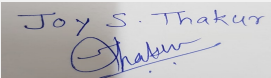
Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 8, 2020

Page 2 of 12

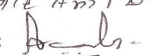
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	MIDC							
	Fresh water (CMD):	91							
	Recycled water - Flushing (CMD):	73							
	Recycled water - Gardening (CMD):	23							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	186							
	Fire fighting - Underground water tank(CMD):	438							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	37							
Wet season:	Source of water	MIDC							
	Fresh water (CMD):	91							
	Recycled water - Flushing (CMD):	73							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	164							
	Fire fighting - Underground water tank(CMD):	438							
	Fire fighting - Overhead water tank(CMD):	-							
	Excess treated water	63							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

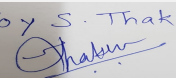

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 8, 2020

Page 3 of 12

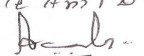
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	3m to 4m
	Size and no of RWH tank(s) and Quantity:	10 nos.
	Location of the RWH tank(s):	Refer enclosed layout
	Quantity of recharge pits:	10 nos
	Size of recharge pits :	1mX1mX1m
	Budgetary allocation (Capital cost) :	15.0 Lacs
	Budgetary allocation (O & M cost) :	3.0 Lacs
	Details of UGT tanks if any :	LGF of Himalaya and Cafeteria buildings.
35.Storm water drainage	Natural water drainage pattern:	Maintained
	Quantity of storm water:	3200 cum per annum
	Size of SWD:	150 MM
Sewage and Waste water	Sewage generation in KLD:	147
	STP technology:	RBC
	Capacity of STP (CMD):	150 cmd
	Location & area of the STP:	Basement
	Budgetary allocation (Capital cost):	14.0 lakhs
	Budgetary allocation (O & M cost):	3.0 lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not applicable
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	Dry waste:	Total project: 436 kg/day Phase III: 217 kg/day
	Wet waste:	Total project: 290 kg/day Phase III: 144 kg/day
	Hazardous waste:	15 kl diesel
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	0.2 Kg/day
	Others if any:	3.6 tonns/annum E -Waste

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 8, 2020

Page 4 of 12

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

Mode of Disposal of waste:	Dry waste:	Dry garbage is segregated into recyclable and non-recyclable & is handed over to the authorized recycler
	Wet waste:	The biodegradable waste is composted using Biogas plant.
	Hazardous waste:	Disposed to MPCB authorized recycler
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Dried and composted and used as manure for gardening.
	Others if any:	Sold to MPCB authorized party
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	Appx 200 sq mts
	Area for machinery:	Appx 200 sq mts
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	7.0 lacs
	O & M cost:	1.5 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

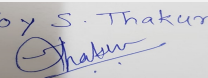
39. Stacks emission Details

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

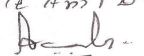
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 8, 2020

Page 5 of 12

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	4531.39 sq.m.
	No of trees to be cut :	123 nos
	Number of trees to be planted :	450 Nos trees planted
	List of proposed native trees :	Refer Enclosed Tree details
	Timeline for completion of plantation :	Plantation done

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	Refer Enclosed Tree details	Refer Enclosed Tree details	Refer Enclosed Tree details	Refer Enclosed Tree details

45.Total quantity of plants on ground

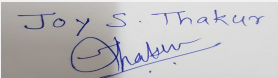
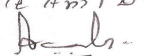
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Refer Enclosed Tree details	Refer Enclosed Tree details	Refer Enclosed Tree details

47.Energy

Power requirement:	Source of power supply :	MSEDCL.
	During Construction Phase: (Demand Load)	Not applicable
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	4392 kW
	During Operation phase (Demand load):	2899 kW
	Transformer:	-
	DG set as Power back-up during operation phase:	4 Nos of 4100 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 8, 2020	Page 6 of 12	Name: K 072 Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Energy saving measures:

- Replacement of CFL with LED lights
- Power consumption monitoring based on ambient room temperature
- Selected UPS with power consumption less than 25% & Connected two floor on single UPS
- Weekly swiching off one UPS of Workstation & Data Center
- Canteen lights and fan operational controlled on auto timer.
- Timer based management for signboard lights
- Chiller Cooling Management by changing operational method based on low & High tariff hrs

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving measures	(existing +Solar PV) 10.56%

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.56,043 for existing Rs 71,00,000 for Solar
	O & M cost:	2,13,000

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

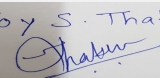
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not applicable	Not applicable	Not applicable

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		14.0	3.0
2	Solid Waste Management		7.0	1.5
3	Rain Water Harvesting	-	15.0	3.0
4	Green Belt	-	25.0	5.0
5	Energy saving features	-	71	2
6	Firefighting cost	-	100.0	20.0
7	Monitoring of Environmental Parameters	-	1.5	1.0
8	TOTAL	-	233.5	38.5

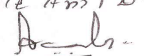
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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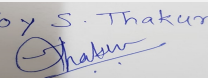
Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 8,
 2020

Page 7 of
 12

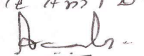
Name: K 072 Anil D
 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	1 no (T) junction					
Parking details:	Number and area of basement:	1 basement with 5376 sqm					
	Number and area of podia:	NA					
	Total Parking area:	4410 sq.m					
	Area per car:	20.78 Sq. Mt.					
	Area per car:	20.78 Sq. Mt.					
	Number of 2-Wheelers as approved by competent authority:	653 nos					
	Number of 4-Wheelers as approved by competent authority:	153 nos					
	Public Transport:	NA					
	Width of all Internal roads (m):	6 mtrs.					
	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	Category B: 8 (a)					
	Court cases pending if any	Show Cause Notice received from Environment Department vide no. SEAC-2212/CR-502/TC-2 dtd. 04/07/2014. MPCB has filed case in the Court of Chief Judicial Magistrate at Pune vide Regular Criminal Case no. 0404433 of 2015. Case is dismissed by session court on 18th March 2019					
	Other Relevant Informations	We had submitted our application for Environment Clearance to SEAC on 11th Aug 2012. Further as per amendment in EIA notification dtd. 14th March 2017 we had submitted our proposal under violation to MoEF on 2ndAug 2017 (vide Proposal No. IA/MH/NCP/67117/2017). Now as per MoEF OM dated 15th March 2018 and 16th March 2018 we are submitting our application to SEAC/ SEIAA along with necessary documents.					

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 8, 2020

Page 8 of 12

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

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

TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
5.Type of project	Industrial Estate	It's IT park (less than 50 ha) commercial use so 8(a) as area is less
6.New project/expansion in existing project/modernization/diversification in existing project	Proposal is for Environment Clearance for existing Knowledge Park	Expansion
29.Existing structure (s) if any	A Block - Alps FSI: 7277.34 NON FSI:1065.6 Total BUA:8342.9 OC obtained; A1 Block - Himalaya FSI: 8066.8 NON FSI:1021.7 Total BUA: 9088.6 OC obtained; Transformer room FSI: 223.3 NON FSI: 0 Total BUA: 223.3 OC obtained; Security Cabin FSI: 178.2 NON FSI:0 Total BUA: 178.2 OC obtained; Corporate Block FSI: 3882.2 NON FSI: 2083.4 Total BUA: 5965.6 Construction completed; Cafeteria FSI: 2628.6 NON FSI: 2004.4 Total BUA: 4632.9 Construction completed; Fuji & Rockies Block FSI: 14373.4 NON FSI: 96	Total built-up area including FSI and Non FSI constructed till date = 52450.43 sq m Construction taken place after EIA notification 14.9. 2006 and without EC (Phase III) = 28651.46 sqm
32.Total Water Requirement (Dry Season)	Fresh water (CMD): 55	Fresh water (CMD): 91
-	Recycled water - Flushing (CMD): 110	Recycled water - Flushing (CMD): 73
-	Recycled water - Gardening (CMD): 22	Recycled water - Gardening (CMD): 23
-	Excess treated water 6	Excess treated water :37
32.Total Water Requirement (Wet Season)	Fresh water (CMD): 55	Fresh water (CMD): 91
-	Recycled water - Flushing (CMD): 110	Recycled water - Flushing (CMD): 73
-	Excess treated water 6	Excess treated water :63
34.Rain Water Harvesting (RWH)	Quantity of recharge pits: 10 nos	Quantity of recharge pits: RWH system around Rockies & Fuji building and cafeteria comprises (i.e Phase III) 3 nos of recharge pits(Rain water pit+ Borewell)
Size of recharge pits : -	-	1mX 1m X 1m
36.Sewage and Waste water	Sewage generation in KLD:154	Sewage generation in KLD:147
-	STP technology: MBBR	STP technology: RBC
37.Solid waste Management	Dry waste: 508 kg/day Wet waste: 218 kg/day	Dry waste: Total project: 436 kg/day Phase III: 217 kg/day Wet waste:Total project: 290 kg/day Phase III: 144 kg/day
	Others if any: Refer enclosed E waste details	Others if any:3.6 tons /annum - Ewaste
50.Detail calculations & % of saving:	Energy Saving measures 5%	Energy Saving measures (existing +Solar PV) 10.56% 5%
53. Any Other Information	Court cases pending if any Show Cause Notice received from Environment Department vide no. SEAC-2212/CR-502/TC-2 dtd. 04/07/2014. MPCB has filed case in the Court of Chief Judicial Magistrate at Pune vide Regular Criminal Case no. 0404433 of 2015. The said case is pending for decision & Closure.	Case is dismissed by session court on 18th March 2019.

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 8, 2020	Page 9 of 12	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-
Drainage pattern of the project	-
Ground water parameters	-
Solid Waste Management	-
Air Quality & Noise Level issues	-
Energy Management	-
Traffic circulation system and risk assessment	-
Landscape Plan	-
Disaster management system and risk assessment	-
Socioeconomic impact assessment	-
Environmental Management Plan	-
Any other issues related to environmental sustainability	-
Brief information of the project by SEAC	

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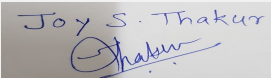
PP had submitted application for prior Environmental clearance for total plot area of 44043.00 m², FSI area of 36,629.82 m², Non FSI area of 15,860.61 m² and total BUA of 52450.43 m².

The building configuration of the proposal is as below:

Sr no	Building Name	Configuration	Height in m
1	A (Alps)	Lower Ground + Ground + 4 Floors	23.95
2	A1 (Himalaya)	Lower Ground + Ground + 4 Floors	21.85
3	Transformer room	Ground Floor	4.5
4	Security cabin	Ground Floor	3.82
5	Corporate Block	Stilt + Ground + 1 floor	12.0
6	Fuji	Basement + Lower Ground + Ground + 7 Floors	9.88
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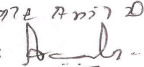
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is approved as category 9(a)P2.

DECISION OF SEAC


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

**SEAC Meeting No: 106 Meeting Date: March 8,
 2020**

**Page 11
 of 12**

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

During discussion following points emerged:

1. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.47 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 0.48 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.47 Cr for the project completion period.

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

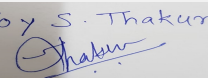
Specific Conditions by SEAC:

1) The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.47 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 0.48 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.47 Cr for the project completion period.

FINAL RECOMMENDATION

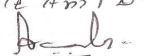
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000416

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 8,
2020

Page 12
of 12

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

106 SEAC-3 Day 03

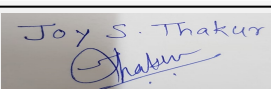
SEAC Meeting number: 106 Meeting Date March 9, 2020

Subject: Environment Clearance for Environment Clearance for Proposed Residential Development at Plot No.1, (Old S.No. 337 (P)), S.No. 288, at Maan, Hinjewadi, Pune by New World Realty LLP.

Is a Violation Case: No

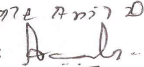
1.Name of Project	Environment Clearance for Proposed Residential Development at Plot No.1, (Old S.No. 337 (P)), S.No. 288, at Maan, Hinjewadi, Pune by New World Realty LLP.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Vineet Goyal M/s. New World Realty LLP.
4.Name of Consultant	Vk environmental LLP
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in EC
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental clearance has been obtained viz. No. SEAC III/CR-228/TC-3 dated: 8th April 2015.
8.Location of the project	Plot No.1, (Old S.No 337 (P)),S.No. 288, at Maan, Hinjewadi, Pune.
9.Taluka	Mulshi
10.Village	Maan
Correspondence Name:	Mr. Vineet Goyal
Room Number:	A-102
Floor:	A-102
Building Name:	ICC Trade Towers
Road/Street Name:	Senapati Bapat Road
Locality:	Senapati Bapat Road
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: In process Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	Construction work is in progress as per EC received.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	32376 m2
16.Deductions	1138.67 m2
17.Net Plot area	31237.33 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 38795.80 b) Non FSI area (sq. m.): 46749.87 c) Total BUA area (sq. m.): 85545
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 00 Approved Non FSI area (sq. m.): 00 Date of Approval: 13-04-2016
19.Total ground coverage (m2)	7139.59
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	31.74
21.Estimated cost of the project	2040000000

22.Number of buildings & its configuration

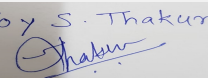

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 1 of 75

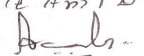
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	B+S+21	65.85	
2	Building B	B+S+14	42.90	
3	Building C	B+S+14	42.90	
4	Building D	P+14	42.90	
5	Building E	B+S+13	42.90	
6	Clubhouse	G+1	6	
23.Number of tenants and shops	Residential tenements: 593			
24.Number of expected residents / users	Residential Users: 2965			
25.Tenant density per hectare	183.16 tenants/hectare.			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Fire engine will be accessed from existing 36 m wide Hinjewadi Phase II road. Nearest fire station: Hinjewadi Phase III. Nearest Fire Station Distance : 1.40 Km			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Clear driveway & turning radius of 9 m will be provided for easy access of fire tender movement			
29.Existing structure (s) if any	Work in progress as per EC received. Building A, B, C exists on site.			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

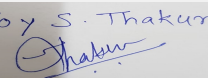
Page 2 of 75

Name: K. Anil Kale

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

Dry season:	Source of water	Maan Grampanchayat
	Fresh water (CMD):	272
	Recycled water - Flushing (CMD):	133
	Recycled water - Gardening (CMD):	58
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	468
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	300
	Excess treated water	156
Wet season:	Source of water	Maan Grampanchayat
	Fresh water (CMD):	272
	Recycled water - Flushing (CMD):	133
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	5
	Total Water Requirement (CMD) :	405
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	300
	Excess treated water	214
Details of Swimming pool (If any)	<p>Area of Swimming Pool: 120 m² Water requirement for make up in KLD : 5.0 kld</p> <p>Details of Plant & Machinery used for treatment of Swimming Pool water: Filters, membrane dosing pump, chlorination unit along with the entire setup for water filtration and control panels.</p> <p>Details of quality to be achieved for swimming pool water :Parameters to be monitored :The pH and Chlorine content of the swimming pool water after treatment will be maintained as follows: pH = 7.5 Chlorine content =1.00-1.5 ppm.</p>	

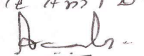
33.Details of Total water consumed

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

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9,
 2020

Page 3 of
 75

Name: K. Anil Kale

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

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:	Pre monsoon : 6.4m bgl Post monsoon : 3.8m bgl							
	Size and no of RWH tank(s) and Quantity:	NA							
	Location of the RWH tank(s):	NA							
	Quantity of recharge pits:	17 nos							
	Size of recharge pits :	3 No Recharge borewell in shaft 1.2m diameter and a depth of 3.5 m (Below Storm water inlet) with 70 M borewell 3 No recharge shaft 1.2 m diameter and 5 m depth (already executed) 11 No recharge chamber 1m x 1 m and 1 m below storm water inlet with borewell 50 m depth							
	Budgetary allocation (Capital cost) :	17,00,000/-							
	Budgetary allocation (O & M cost) :	1,70,000/-							
	Details of UGT tanks if any :	UG Tank Capacity for Residential Domestic water tank: 300 m ³ Flushing ware compartment: 140 m ³ Fire water compartment: 100m ³							
35.Storm water drainage	Natural water drainage pattern:	The site has its lowest point of contour at South-East direction. In order to cater to the storm water surface run-offs during construction, sedimentation basin has been planed at the lowest point of contour of the site.							
	Quantity of storm water:	3.55 m ³ /min							
	Size of SWD:	600 mm							
Sewage and Waste water	Sewage generation in KLD:	365							
	STP technology:	Phytorid							
	Capacity of STP (CMD):	375							
	Location & area of the STP:	On ground							
	Budgetary allocation (Capital cost):	65,00,000/-							
	Budgetary allocation (O & M cost):	1,20,880/-							
36.Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:	20Kg/day from labours							
	Disposal of the construction waste debris:	The construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling.							
Waste generation in the operation Phase:	Dry waste:	593 kg/day							
	Wet waste:	890 kg/day							
	Hazardous waste:	NA							
	Biomedical waste (If applicable):	NA							
	STP Sludge (Dry sludge):	28 kg/day							
	Others if any:	E waste: 4 kg/day							

Mode of Disposal of waste:	Dry waste:	Dry waste will be segregated into recyclable and non-recyclable waste. Dry waste will be managed and disposed by authorized agency of waste pickers SWaCH.
	Wet waste:	Biodegradable waste will be treated through on-site Organic Waste Converter.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried sludge will be used as Mannure
	Others if any:	E waste will be collected and disposed by authorized vendor
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	Total area: 70 sqm
	Area for machinery:	Total area: 70 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25,75,000/-
	O & M cost:	4,76,400 /-

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

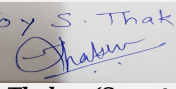
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 5 of 75

Name: K. Anil Kale

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

41.Source of Fuel	Not applicable	
42.Mode of Transportation of fuel to site	Not applicable	
43.Green Belt Development	Total RG area :	3123 Sq.m
	No of trees to be cut :	111 trees to be transplanted.
	Number of trees to be planted :	391
	List of proposed native trees :	Please refer below list
	Timeline for completion of plantation :	Till operational phase

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

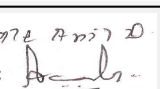
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbek	Shirish	7	Fast growing shady, Semi-deciduous tree
2	Pongamia Pinnata	Pongam tree	7	Large deciduous tree
3	Millingtonia hortensis	Indian Cork Tree	8	Evergreen, flowering tree
4	Cassia fistula	amaltas	19	Deciduous, flowering, hardy tree
5	Eryathrina indica	Indian coral tree	6	Deciduous, flowering and ornamental tree
6	Artocarpus heterophyllus	Jackfruit	6	Tropical to subtropical evergreen tree
7	Azadiracta indica	Neem	7	Medium, deciduous, fast-growing evergreen tree
8	Plumeria alba	Frangipani	6	Medium size, Ornamental, flowering tree
9	Bauhinia blakeana	Hong kong orchid tree	3	Medium size, evergreen flowering tree
10	Cassia spectabilis	Yellow shower	3	Evergreen flowering tree, with spreading crown
11	Ficus benjamnia	Java fig	3	Large, graceful, evergreen tree
12	Saraca asoca	Sita ashok	3	Beautiful foliage and fragrant flowers

45.Total quantity of plants on ground

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

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

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 6 of 75	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	1 DG set of 125 KVA
	During Operation phase (Connected load):	3560 KW
	During Operation phase (Demand load):	1468 KW
	Transformer:	5 nos. X 630 KVA
	DG set as Power back-up during operation phase:	1 DG sets of 320 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Energy saving due to solar :i.e. (1 % of demand load)

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV & Hot water	1%

50. Details of pollution control Systems

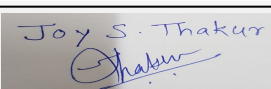
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	65,00,000
	O & M cost:	2,55,000

51. Environmental Management plan Budgetary Allocation

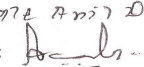
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	8,64,000
2	Land	Labour Camp toilets & sanitation	4,80,000
3	Health and Safety	Labour Safety Equipments and training	4,00,000/-
4	facility	Disinfection and Health Check-ups	51,000/-


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 7 of 75

Name: K. Anil Kale

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

5	Environment Management	Environmental Monitoring	3,26,500/-
6	Environmental Monitoring Cell	-	1,70,000/-

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	1 STP	65,00,000	120880
2	Solid Waste Management	1 OWC	25,75,000	4,76,400/-
3	Landscaping	Development and Maintenance	5,90,19,721	76,550
4	Rain Water Harvesting	Recharge pits with bore well	17,00,000	1,70,000
5	Environmental Monitoring	Air,Noise,water,soil,OWC manure	-	1,85,600
6	Swimming pool	Swimming pool	25,00,000	9,00,000
7	Solar water heating system	Solar Water heater	65,00,000	2,55,000
8	Water treatment plant	Water treatment plant	8,00,000	7,30,000
9	Lightning Arrestor		3,00,000	-

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

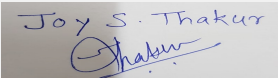
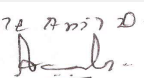
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

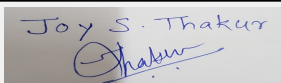
Nos. of the junction to the main road & design of confluence:	The project site is located at Hinjewadi area. The development will be accessible from existing 36 m wide Hinjewadi Phase II road & 15m wide road while the internal access ways are 9 m wide.
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 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 8 of 75	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Parking details:	Number and area of basement:	1
	Number and area of podia:	NA
	Total Parking area:	6112.80
	Area per car:	12.5 sqm
	Area per car:	12.5 sqm
	Number of 2-Wheelers as approved by competent authority:	889
	Number of 4-Wheelers as approved by competent authority:	227
	Public Transport:	NA
	Width of all Internal roads (m):	Internal access ways of 9m provided.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a building and construction project
	Court cases pending if any	NA
	Other Relevant Informations	The project area is in a residential zone. Proposed project consists of residential building having 593 flats
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

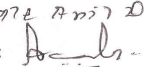
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 9 of 75

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

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

Brief information of the project by SEAC

PP submitted their application for prior Environmental clearance for total plot area of 32376 m2, FSI area of 38795.80 m2, Non FSI area of 46749.87 m2 and total BUA of 85546 m2.

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

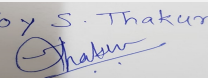
PP has satisfactorily complied with the points raised in 88th meeting of SEAC-3.

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

Specific Conditions by SEAC:

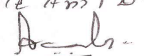
FINAL RECOMMENDATION

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

Joy S. Thakur

 Joy S. Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9,
 2020

Page 10
 of 75

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

106 SEAC-3 Day 03

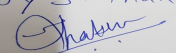
SEAC Meeting number: 106 Meeting Date March 9, 2020

Subject: Environment Clearance for Proposed Residential Project with showrooms at S No. 59A/ 2B, P No. A + B/ 1 at Mundhwa, Pune by Anand Tulsidas Kirad

Is a Violation Case: No

1.Name of Project	Proposed Residential Project with showrooms at S No. 59A/ 2B, P No. A + B/ 1 at Mundhwa, Pune by Anand Tulsidas Kirad
2.Type of institution	Private
3.Name of Project Proponent	Anand Tulsidas Kirad
4.Name of Consultant	VK:e Environmental LLP
5.Type of project	Residential Development with showrooms
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. 59A/ 2B, P No. A + B/ 1 at Mundhwa, Pune
9.Taluka	Haveli
10.Village	Mundhwa
Correspondence Name:	Anand Tulsidas Kirad
Room Number:	-
Floor:	-
Building Name:	Amalshree
Road/Street Name:	114, Anand Park, Near Anadadhund Club
Locality:	Aundh Gaon,
City:	Pune, 411007
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: CE/BP/1986/19 Approved Built-up Area: 23710.47
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	11799
16.Deductions	2346.91
17.Net Plot area	9452.09
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 21150.38 b) Non FSI area (sq. m.): 13442.54 c) Total BUA area (sq. m.): 34592.92
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 19275.88 Approved Non FSI area (sq. m.): 13442.54 Date of Approval: 03-05-2019
19.Total ground coverage (m2)	2227.35
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.87%
21.Estimated cost of the project	1200000000

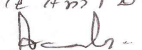
22.Number of buildings & its configuration

Joy S. Thakur


Joy S.Thakur (Secretary SEAC-III)

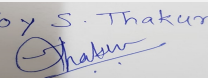
SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 11 of 75

Name: K. Anil Kale
Signature: 

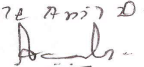
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	B+G+M+3P+12	50	
2	Building B	B+G+M+3P+12	50	
3	Building C	B+G+M+2P+A+12	50	
4	Building D	B+G+M+2P+A+12	50	
5	MHADA Building	P+6	20.45	
23.Number of tenants and shops	Residential:192 MHADA: 33 Commercial - 18 showrooms Commercial: 18 Showrooms			
24.Number of expected residents / users	Residential: 960 MHADA: 165 Commercial: 590			
25.Tenant density per hectare	191 tenements/ hectare			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Project is accessible from 24 m wide DP road. Nearest fire station: Fire Station, Hadapsar, Distance: 5.17 km			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m Turning radius			
29.Existing structure (s) if any	Existing structures present on site which will be demolished during Construction Phase.			
30.Details of the demolition with disposal (If applicable)	Existing structures on site will be demolished and the demolished material shall be used for back filling and leveling of plot and remaining will be disposed to authorized recyclers.			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

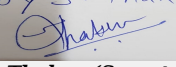
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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 12 of 75


Name: K. Anil Kale

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

Dry season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	116							
	Recycled water - Flushing (CMD):	62							
	Recycled water - Gardening (CMD):	7.4							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	186							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	Building A to D 10 kld each, MHADA 25 kld							
	Excess treated water	73							
Wet season:	Source of water	Pune Municipal Corporation							
	Fresh water (CMD):	116							
	Recycled water - Flushing (CMD):	62							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	178							
	Fire fighting - Underground water tank(CMD):	200							
	Fire fighting - Overhead water tank(CMD):	Building A to D 10 kld each, MHADA 25 kld							
	Excess treated water	80							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 13 of 75

Name: K. Anil Kale

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season: 20.33 m to 24.33 m BGL (22.33 M. Average) Rainy Season: 6.67 m to 12.00 m BGL (9.34 M. Average) Winter Season: 13.50 m to 18.17 m BGL (15.84 M. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5
	Size of recharge pits :	2m X 2m X 2m with 6
	Budgetary allocation (Capital cost) :	Rs. 6.25 Lacs
	Budgetary allocation (O & M cost) :	Rs. 0.30 Lacs/year
	Details of UGT tanks if any :	For residential and commercial: Domestic Water Tank: 152 Cum Reclaimed Water Tank: 83 Cum Fire Water Tank: 200 Cum For MHADA Building: Domestic Water Tank: 23 Cum Reclaimed Water Tank:12 Cum
35.Storm water drainage		
35.Storm water drainage	Natural water drainage pattern:	The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits. Excess storm water will be discharged into common municipal storm water drainage.
	Quantity of storm water:	5.39 cu.m./min
	Size of SWD:	450 mm dia
Sewage and Waste water		
Sewage and Waste water	Sewage generation in KLD:	160.6
	STP technology:	MBBR
	Capacity of STP (CMD):	2 No. of STPs 180 cum/day (Residential: 150 cum/day , MHADA: 30 cum/day)
	Location & area of the STP:	100 sq.m.
	Budgetary allocation (Capital cost):	Rs. 69.8 Lacs
	Budgetary allocation (O & M cost):	Rs.13.5 Lacs/year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Total waste generated: 20 Kg/day Dry Waste = 12kg/day, Wet Waste = 8kg/day
	Disposal of the construction waste debris:	The material shall be used for back filling and leveling of plot and remaining will be disposed to authorized vendors.
Waste generation in the operation Phase:	Dry waste:	313.5 kg/day
	Wet waste:	396.5 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	64.4 kg/day
	Others if any:	E- Waste: 1152.5 kg/year (3.15 kg/day)

Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler
	Wet waste:	Organic Waste Composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	E waste will be handed over to authorized vendor
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	12 Sq.mt
	Area for machinery:	36 Sq.mt
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14.75 Lacs
	O & M cost:	Rs. 3.02 Lacs/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

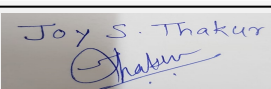
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

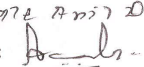
40. Details of Fuel to be used

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


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 15 of 75

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

43.Green Belt Development	Total RG area :	945.26 Sq.m.
	No of trees to be cut :	Total 179 trees exist on site, out of which 78 trees will be transplanted, 101 nos. of trees will be protected
	Number of trees to be planted :	898 nos. . (including compensatory plantation and protected trees)
	List of proposed native trees :	As per below given list
	Timeline for completion of plantation :	Till operation phase

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Syzygium cumini	Jambhul tree	64	A large size tree with dense foliage provides shade along roads, wood is water resistant and attracts a variety of birds.
2	Millingtonia hortensis	Indian cork tree	60	A columnar, evergreen tree, grows well in both dry and moist regions
3	Lagerstromia flos-regineae	Tamhan	50	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers, grows well in both dry and humid climate
4	Pongamia pinnata	Karanj	63	Large tree good for stopping soil erosion along canal banks
5	Azadirachta indica	Neem	50	A medium to large size hardy tree which stand in drought conditions. Air Purifying quality Attain a much larger size in dry regions.
6	Cassia fistula	Bahava	60	Small deciduous tree. Excellent bright flowering tree for arid regions.
7	Ficus benjamina	Weeping fig	63	Medium sized evergreen tree with elegant appearance and moderate water requirement
8	Plumeria alba	Champa	75	Ornamental flowering tree
9	Michelia champaca	Sonchapha	60	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
10	Polyalthia longifolia	Ashoka	70	Large evergreen tree Effective in decreasing noise pollution.
11	Mangifera indica	Mango	83	Large evergreen and fruit bearing tree
12	Albizia lebeck	Shirish	75	Shady, large tree, ball shaped flowers
13	Psidium guajava	Guava	60	Medium sized fruit bearing tree
14	Annona squamosa	Sitaphal	65	Medium sized fruit bearing tree
15	Total	-	898	999 nos. (898 newly proposed + 101 nos. existing tress which will be protected)

45.Total quantity of plants on ground

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 16 of 75	Name: K 072 Anil D. Signature: Anil D. Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	22.16 KW
	DG set as Power back-up during construction phase	1 DG set of 30 KVA
	During Operation phase (Connected load):	1563 KW
	During Operation phase (Demand load):	1028 KVA
	Transformer:	2 nos. X 630 KVA
	DG set as Power back-up during operation phase:	1 DG set of 300 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Total Energy Saving : 17.1 % Savings

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar water heating system + Solar PV panels + LED light fittings	265741.2 KWH

50. Details of pollution control Systems

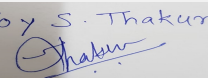
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 37.44 lacs
	O & M cost:	Rs. 2.84 lacs/year

51. Environmental Management plan Budgetary Allocation

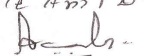
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	11.96

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 17 of 75

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

2	Land Environment	Labor Camp toilets & sanitation	4.8
3	Health and Safety	Labor Safety Equipment and training	4
4	Health and safety facility	Disinfection and Health Check-ups	0.66
5	Environment Management	Environmental Monitoring cell	1.7

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	MBBR Technology	69.8	13.5
2	Solid Waste Management	On site OWC for treatment of wet waste	14.75	3.02
3	Landscaping	Development and Maintenance	2.98	0.29
4	Rain Water Harvesting	Recharge pits with bore well	6.25	0.3
5	Energy Saving	Solar hot water and PV panels	18	0.9
6	Environmental Monitoring	Air, water,soil,noise	-	1.85
7	Lightning Arrester	3 Lightning Arresters	2.10	-

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

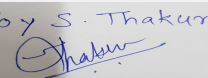
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

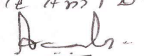
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The project side is located in Mundhwa. The development will be accessible from 30 m wide DP Road
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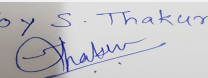
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 18 of 75

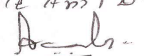
Name: K. Anil Kale

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

Parking details:	Number and area of basement:	1 basement level for residential buildings
	Number and area of podia:	2 levels of podium parking for residential buildings and 1 level for MHADA building
	Total Parking area:	5753.50 Sq.m.
	Area per car:	12.5
	Area per car:	12.5
	Number of 2-Wheelers as approved by competent authority:	734
	Number of 4-Wheelers as approved by competent authority:	312
	Public Transport:	NA
	Width of all Internal roads (m):	6 m wide internal road is provided and 9 m. Turning radius will be provided.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a building and construction project
	Court cases pending if any	NA
	Other Relevant Informations	The project area is in a residential zone. Proposed project consists of residential building having 225 flats and 18 convenient shopping centers
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Environmental Impacts of the project	-	
Water Budget	-	
Waste Water Treatment	-	
Drainage pattern of the project	-	
Ground water parameters	-	

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 19 of 75

Name: K. Anil Kale

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

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

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 11799.00 m², FSI area of 21150.38 m², Non FSI area of 13442.54 m² and total BUA of 34592.92 m².

The building configuration of the proposal is as below:

Building A (Height-50 m) - B+G+M+3P+12

Building B (Height-50 m) - B+G+M+3P+12

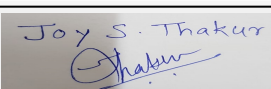
Building C (Height-50 m) - B+G+M+2P+A+12

Building D (Height-50 m) - B+G+M+2P+A+12

MHADA Building (Height- 20.45 m)- P+6

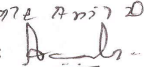
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2.

DECISION OF SEAC


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 20 of 75

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

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.

During discussion following points emerged:

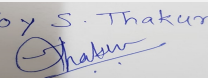
1. PP has proposed to provide equipments to private gym (Rs1.10 cr). This activity is not permitted as it is for private gym. PP to proposed some other activity like rainwater harvesting, Ambulance to Govt Hospital / hears van to public trust etc. and submit revised CER
2. PP to submit garden NOC

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

Specific Conditions by SEAC:

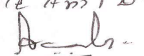
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9,
2020

Page 21
of 75

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

106 SEAC-3 Day 03**SEAC Meeting number: 106 Meeting Date March 9, 2020****Subject:** Environment Clearance for Residential construction project**Is a Violation Case:** No

1.Name of Project	Sun Prestige
2.Type of institution	Private
3.Name of Project Proponent	Mittal International
4.Name of Consultant	We are in the process of appointing EMP consultant
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 57/4, Wadgaon Bk., Tal. Haveli, Dist. Pune.
9.Taluka	Haveli
10.Village	Wadgaon Bk.
Correspondence Name:	Mr. Naresh Mittal
Room Number:	0
Floor:	0
Building Name:	"Mittal House", CTS - 2095
Road/Street Name:	Nilayam Theatre Chowk
Locality:	Sadashiv Peth
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number:
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Yes
15.Total Plot Area (sq. m.)	9100 Sqm
16.Deductions	1398 sqm
17.Net Plot area	7702 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 19254.77 sqm
	b) Non FSI area (sq. m.): 19550.34 sqm
	c) Total BUA area (sq. m.): 38805
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 11-07-2019
19.Total ground coverage (m2)	1937.93 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	25.16 %
21.Estimated cost of the project	700000000

22.Number of buildings & its configuration

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 22 of 75	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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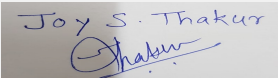
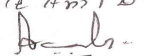
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	A	LP + UP + 12	40.10
2	B	LP + UP + 13	43.05
3	C	LP + UP + 12	40.10
4	Club house	G +1	7.60

23.Number of tenants and shops	294
24.Number of expected residents / users	1470
25.Tenant density per hectare	250T/Ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	NA
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

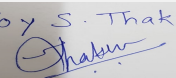
32.Total Water Requirement

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 23 of 75	Name: K 072 Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PMC
	Fresh water (CMD):	132
	Recycled water - Flushing (CMD):	66
	Recycled water - Gardening (CMD):	8
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	207
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	60
	Excess treated water	111
Wet season:	Source of water	PMC
	Fresh water (CMD):	132
	Recycled water - Flushing (CMD):	66
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	198
	Fire fighting - Underground water tank(CMD):	150
	Fire fighting - Overhead water tank(CMD):	60
	Excess treated water	119
Details of Swimming pool (If any)	NA	

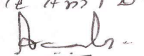
33.Details of Total water consumed

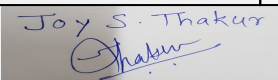
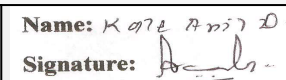
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	132	132	Not applicable	13	13	Not applicable	119	119

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 24 of 75

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	SUMMER SEASON-22.50 m. to 32.50 m. BGL. (27.50 M. Average) RAINY SEASON- 5.00 m. to 10.0 m. BGL (7.50 M. Average) WINTER SEASON -13.75 m. to 21.25 m. BGL (17.50 M. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	4
	Size of recharge pits :	1) 3 no. -2.0 m X 2.0 M X 2.0 m with 6'' diameter 50 to 60 m deep bore well via 1 no. of 0.9 m dia 1 m deep de-siltation pit for roof top RWH 2) 1 no-RWH percolation pit (2.25 x 2.25 x 1.75)m with 6'' diameter 50 to 60 m deep bore well via 2 no. of 0.9 m dia 1 m deep de-siltation pit with O & G trap for surface runoff RWH
	Budgetary allocation (Capital cost) :	5/- lakhs
	Budgetary allocation (O & M cost) :	0.2 /- lakhs p.a.
	Details of UGT tanks if any :	FIRE-150 CUM DOMESTIC-231.52 CUM
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	378.56 m3 per hr
	Size of SWD:	450 mm
Sewage and Waste water	Sewage generation in KLD:	185
	STP technology:	MBBR
	Capacity of STP (CMD):	205 KLD(1)
	Location & area of the STP:	Near A Wing, 111 Sqm
	Budgetary allocation (Capital cost):	81 /- lakhs
	Budgetary allocation (O & M cost):	8.40/- lakhs p.a.
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of raw material
	Disposal of the construction waste debris:	On the same site for landfilling
Waste generation in the operation Phase:	Dry waste:	294 kg/day
	Wet waste:	441 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	23.52 kg/day
	Others if any:	E waste: 735 kg/year
 Joy S.Thakur (Secretary SEAC-III)		SEAC Meeting No: 106 Meeting Date: March 9, 2020
 Shri. Anil Kale (Chairman SEAC-III)		Page 25 of 75

Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Treatment through mechanical composting machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Treatment through mechanical composting machine
	Others if any:	E waste: Through authorized vendor
Area requirement:	Location(s):	Near C wing
	Area for the storage of waste & other material:	60.00 SQM
	Area for machinery:	15.00 SQM
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	11.50 /- lakhs
	O & M cost:	5.66 /- lakhs p.a.

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7-8.5	6.5-7.5	6.5-7
2	SS	mg/l	205-400	<50	max 50
3	BOD	mg/l	250-300	<10	max 30
4	COD	mg/l	300-400	<30	max 50
5	O & G	mg/l	10	5	at max 5
6	Total Nitrogen	mg/l	40-50	less than or equal to 10	NA
7	Ammonical nitrogen	mg/l as N	--	less than or equal to 1	NA
8	TDS	mg/l	--	<1000	NA
9	Total phosphohate	mg/l	5	less than or equal to 2	NA
10	Feacal coliform	MPN/100 ml	10000000	ND	NA

Amount of effluent generation (CMD): Not applicable

Capacity of the ETP: Not applicable

Amount of treated effluent recycled : Not applicable

Amount of water send to the CETP: Not applicable

Membership of CETP (if require): Not applicable

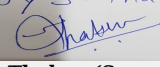
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

38. Hazardous Waste Details


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

39. Stacks emission Details

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 26 of 75

Name: K. Anil Kale

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

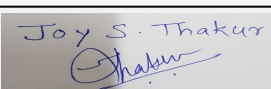
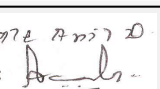
41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	787.48 sqm
	No of trees to be cut :	0
	Number of trees to be planted :	115
	List of proposed native trees :	As per list
	Timeline for completion of plantation :	2 years

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimosa elengi	Bakul	2	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
2	Cassia fistula	Bahava	5	Auspicious, attracts birds, bees, butterflies, hanging or weeping growth
3	Azadirachta indica	Neem	5	Fragrant flowers and leaves, attract birds, butterflies and bees, quick growing and insect repellent
4	Syzigium cuminia	Jambhul	2	Fruit bearing tree, create shade, attract birds and insects
5	Michelia champaka	Pivala chafa	5	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
6	Mangifera indica	Mango	5	Fragrant flowers and leaves, attract birds, butterflies and bees, quick growing and insect repellent
7	Plumeria alba	Chafa	6	Fragrant flowers and leaves, attract birds, butterflies and bees, quick growing
8	Pongamia pinatta	Karanj	3	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
9	Albizia lebbeck	Shirish	3	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 27 of 75	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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10	Terminalia Arjuna	Arjun	5	-MEDICINAL TREE -LARGE SIZE EVERGREENS -SPREADING CROWN
11	Manikara Zapota	Chickoo	3	-FRUIT PLANT -ATTRACTS BIRDS/BUTTERFLIES/BEES
12	Buhinia Purpurea	Rakt Kanchan	4	-FRAGRANT FLOWERS FOR LEAVES -PLANT FOR POOJA - EVERGREEN TREE
13	Nyctanthes Arbortristis	Parijatak	2	-FRAGRANT FLOWERS OR LEAVES -ATTRACTS BIRDS/BUTTERFLIES/BEES - EVERGREEN TREE/PLANT FOR POOJA

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

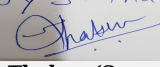
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	45 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	1411 KW
	During Operation phase (Demand load):	650 KW
	Transformer:	630 KVA X 1No. and 315 KVA X 1No.
	DG set as Power back-up during operation phase:	125 KVA X 1
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Yes

48.Energy saving by non-conventional method:

- Use of LED in parking area, lift lobby and stair case
- Using solar system in common area lighting and street/landscape lights with LED lamps
- V3F drive is proposed for all lifts
- As per MSEDCL requirements, it is recommended to use low loss transformer. Losses for transformer shall in principal, comply with ECBC norms
- Recommended to attain power factor of the installation near unity
- Independent energy meters for all pollution control equipment.


49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
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Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 28 of 75

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

1	Energy savings against conventional base case including solar water heater	671227.54 KWH /annum (24.91%)
2	Energy conservation using Solar PV for common lighting	16,000 KWH / annum (1.6% of demand load)

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water pollution	Not applicable	STP
Solid waste	Not applicable	OWC
Noise due to DG set	Not applicable	Acoustic enclouser to DG set

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	52.20/- lakhs
	O & M cost:	2.70 /- lakhs p.a.

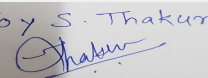
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosioncontrol-dust suppressionmeasures, barricading and top soil preservation	Dust Suppression and barricading	2.00
2	Site Sanitation & Safety	Sign boards, nets, labours safety equipment	2.50
3	Environmental Monitoring	Air,water,soiland noise monitoring and analysis	2.00
4	Disinfection and health check up	pest control and health check up camp	2.00

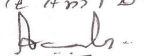
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	construction and Installation	81.0	8.40
2	Solid waste management	Installation and operational	11.50	5.66
3	Storm water networking	Internal and external piping up to final disposal	1.25	0.25
4	Rain water networking	recharge pits with bores	5.0	0.20
5	Energy	Energy saving measures	52.20	2.70
6	Landscape	Tree plantation	13.25	1.35
7	Environmental monitoring	Air,water, noise, soil monitoring and analysis	0	1.60

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 29 of 75

Name: K. Anil Kale

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

8	Site safety and awareness	safety equipment and campaign for resident	8.50	0
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51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

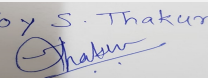
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

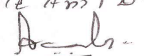
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	11378.72 sqm
	Area per car:	35 sqm and 30 sqm
	Area per car:	35 sqm and 30 sqm
	Number of 2-Wheelers as approved by competent authority:	617
	Number of 4-Wheelers as approved by competent authority:	308
	Public Transport:	NA
	Width of all Internal roads (m):	6.00
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a) B2

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 30 of 75

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 9100 m², FSI area of 19254.77 m², Non FSI area of 19550.34 m² and total BUA of 38805.11 m².

The building configuration of the proposal is as below:

Building A and C (Height 40.1 m): L.P+U.P+12; Building B (Height 40.1 m): L.P+U.P+13

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

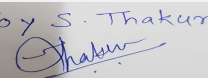
PP has satisfactorily complied with the points raised in 99th meeting of SEAC-3.

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

Specific Conditions by SEAC:

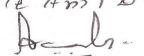
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9,
2020

Page 32
of 75

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

106 SEAC-3 Day 03

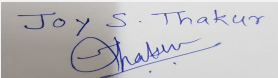
SEAC Meeting number: 106 Meeting Date March 9, 2020

Subject: Environment Clearance for Residential construction project

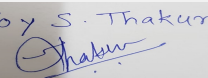
Is a Violation Case: No

1.Name of Project	Sun Crest
2.Type of institution	Private
3.Name of Project Proponent	Jindal Mittal Infrastructure
4.Name of Consultant	We are in the process of appointing EMP consultant
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	S. No. 116/7 & 117/1A Dhayari, Tal. Haveli, Pune
9.Taluka	Haveli
10.Village	Dhayari
Correspondence Name:	Mr. Neeraj Naresh Mittal
Room Number:	0
Floor:	0
Building Name:	"Mittal House", CTS - 2095
Road/Street Name:	Nilayam Theatre Chowk
Locality:	Sadashiv Peth
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	In process
	IOD/IOA/Concession/Plan Approval Number:
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	6800 Sqm
16.Deductions	0 sqm
17.Net Plot area	6800 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 15300 sqm
	b) Non FSI area (sq. m.): 13234.79 sqm
	c) Total BUA area (sq. m.): 28535
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval: 11-07-2019
19.Total ground coverage (m2)	1413.61 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	20.78
21.Estimated cost of the project	600000000

22.Number of buildings & its configuration

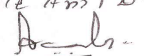
 Joy S.Thakur (Secretary SEAC-III)	<p align="center">SEAC Meeting No: 106 Meeting Date: March 9, 2020</p>	<p align="right">Name: K. Anil Kale</p> <p align="right">Signature: </p> <p align="right">Shri. Anil Kale (Chairman SEAC-III)</p> <p align="center">Page 33 of 75</p>
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A	Basement + LP + GP + 11	35.90	
2	B	Basement + LP + GP + 11	35.90	
3	Club house	G+1	7.60	
23.Number of tenants and shops	216			
24.Number of expected residents / users	1080			
25.Tenant density per hectare	250T/Ha			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 m			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m			
29.Existing structure (s) if any	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

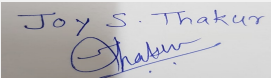
Page 34 of 75

Name: K. Anil Kale

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

Dry season:	Source of water	PMC
	Fresh water (CMD):	97
	Recycled water - Flushing (CMD):	49
	Recycled water - Gardening (CMD):	6
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	152
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	81
Wet season:	Source of water	PMC
	Fresh water (CMD):	97
	Recycled water - Flushing (CMD):	49
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	146
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	40
	Excess treated water	87
Details of Swimming pool (If any)	NA	

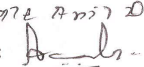
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	97	97	Not applicable	10	10	Not applicable	87	87


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 35 of 75

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

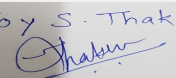
34. Rain Water Harvesting (RWH)	Level of the Ground water table:	SUMMER SEASON-18.00 m. to 22.50 m. BGL.(20.25 M. Average) RAINY SEASON- 5.00 m. to 11.50 m. BGL (8.25 M. Average) WINTER SEASON -11.50 m. to 17.00 m. BGL (14.25 M. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	3 NO. OF RWH Percolation pits 2 NO. OF RWH Percolation soak pits
	Size of recharge pits :	1) 3 NO. OF RWH percolation pits-2.00 m X 2.00 M X 2.00 m with 6" diameter 45 to 60 m deep bore well via 1 no. of 0.9 m dia 1 m deep de-siltation pit for roof top RWH. 2) 2 NO. of RWH percolation soak pits -1.5 m x 1.5 m x 1.75m
	Budgetary allocation (Capital cost) :	4.15/- lakhs
	Budgetary allocation (O & M cost) :	0.4 /- lakhs p.a.
	Details of UGT tanks if any :	FIRE -100 CUM DOMESTIC-170.10 CUM

35. Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	282.88 m ³ per hr
	Size of SWD:	250 mm

Sewage and Waste water	Sewage generation in KLD:	136
	STP technology:	MBBR
	Capacity of STP (CMD):	150 KLD(1)
	Location & area of the STP:	Near A Wing, 85.54 sqm
	Budgetary allocation (Capital cost):	50.40 /- lakhs
	Budgetary allocation (O & M cost):	8.40/- lakhs p.a.

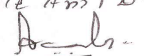
36. Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	1 % of raw material
	Disposal of the construction waste debris:	On the same site for landfilling
Waste generation in the operation Phase:	Dry waste:	216 kg/day
	Wet waste:	324 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	17.28 kg/day
	Others if any:	E waste: 540 kg/year

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 36
of 75

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Through authorized vendor
	Wet waste:	Treatment through mechanical composting machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Treatment through mechanical composting machine
	Others if any:	E waste: Through authorized vendor
Area requirement:	Location(s):	Near A wing
	Area for the storage of waste & other material:	26.88 SQM
	Area for machinery:	7.19 SQM
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	10.50 /- lakhs
	O & M cost:	4.47 /- lakhs p.a.

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not applicable	7-8.5	6.5-7.5	6.5-7
2	SS	mg/l	205-400	<50	max 50
3	BOD	mg/l	250-300	<10	max 30
4	COD	mg/l	300-400	<30	max 50
5	O & G	mg/l	10	5	at max 5
6	Total Nitrogen	mg/l	40-50	less than or equal to 10	NA
7	Ammonical nitrogen	mg/l as N	--	less than or equal to 1	NA
8	TDS	mg/l	--	<1000	NA
9	Total phosphosphate	mg/l	5	less than or equal to 2	NA
10	Feecal coliform	MPN/100 ml	10000000	ND	NA

Amount of effluent generation (CMD): Not applicable

Capacity of the ETP: Not applicable

Amount of treated effluent recycled : Not applicable

Amount of water send to the CETP: Not applicable

Membership of CETP (if require): Not applicable

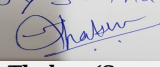
Note on ETP technology to be used Not applicable

Disposal of the ETP sludge Not applicable

38. Hazardous Waste Details


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

39. Stacks emission Details

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 37 of 75

Name: K. Anil Kale

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

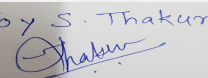
40.Details of Fuel to be used

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 :	800 sqm
	No of trees to be cut :	NA
	Number of trees to be planted :	101
	List of proposed native trees :	As per list
	Timeline for completion of plantation :	2 years

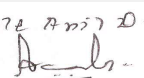
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimosa elengi	Bakul	6	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
2	Cassia fistula	Bahava	6	Auspicious, attracts birds, bees, butterflies, hanging or weeping growth
3	Neolamarckia cadamba	Kadamb	6	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
4	Azadirachta indica	Neem	8	Fragrant flowers and leaves, attract birds, butterflies and bees, quick growing and insect repellent
5	Syzigium cumnina	Jambhul	6	Fruit bearing tree, create shade, attract birds and insects
6	Michelia champaka	Pivala chafa	6	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
7	Mangifera indica	Mango	6	Fragrant flowers and leaves, attract birds, butterflies and bees, quick growing and insect repellent
8	Saraca asoka	Sita ashok	7	Fragrant flowers or leaves, attract birds and bees, evergreen tree,
9	Plumeria alba	Chafa	6	Fragrant flowers and leaves, attract birds, butterflies and bees, quick growing

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 38 of 75

Name: K. Anil D.

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

10	Pongamia pinatta	Karanj	6	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
11	Putranjiva roxburghii	Putranjiva	6	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
12	Lagerstomia speciosa	Taman	6	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
13	Albizia lebbeck	Shirish	6	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
14	Terminalia arjuna	Arjun	7	Medicinal tree, large size and evergreen
15	Buhnia purpurea	Rakta kanchan	6	Fragrant flowers or leaves, attract birds and bees, evergreen tree, create shade
16	Manikara zapota	Chikoo	7	Fruit bearing plant, attract birds, butterflies and bees
45.Total quantity of plants on ground				

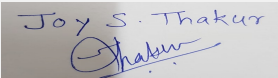
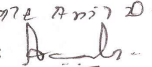
46.Number and list of shrubs and bushes species to be planted in the podium RG:

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)	45 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	1038 KW
	During Operation phase (Demand load):	479 KW
	Transformer:	630 KVA X 1No.
	DG set as Power back-up during operation phase:	125 KVA X 1
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 39 of 75	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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1. Use of LED in parking area, lift lobby and stair case
2. Using solar system in common area lighting and street/landscape lights with LED lamps
3. V3F drive is proposed for all lifts
4. As per MSEDCL requirements, it is recommended to use low loss transformer. Losses for transformer shall in principal, comply with ECBC norms
5. Recommended to attain power factor of the installation near unity
6. Independent energy meters for all pollution control equipment.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy savings against Conventional Base case including Solar Water heater	673683 kWh /annum (25.11%)
2	Energy conservation using Solar PV	32,000 kWh / annum (4.2% of demand load)

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Water pollution	Not applicable	STP
Solid waste	Not applicable	OWC
Noise due to DG set	Not applicable	Acoustic encloser to DG set

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	32.8 /- lakhs
	O & M cost:	1.74 /- lakhs p.a.

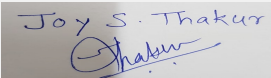
51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Erosioncontrol-dust suppressionmeasures, barricading and top soil preservation	Dust Suppression and barricading	2.00
2	Site Sanitation & Safety	Sign boards, nets, labours safety equipment	2.50
3	Environmental Monitoring	Air,water,soiland noise monitoring and analysis	2.00
4	Disinfection and health check up	pest control and health check up camp	2.00

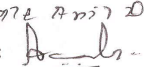
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	construction and Installation	50.40	8.40
2	Solid waste management	Installation and operational	10.50	4.47
3	Storm water networking	Internal and external piping up to final disposal	1.25	0.25


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 40 of 75

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

4	Rain water networking	recharge pits with bores	4.15	0.40
5	Energy	Energy saving measures	32.80	1.74
6	Landscape	Tree plantation	86.40	10.41
7	Environmental monitoring	Air, water, noise, soil monitoring and analysis	0	1.60
8	Site safety and awareness	safety equipment and campaign for resident	9.00	0

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

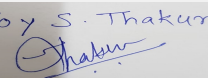
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

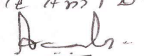
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	1 & 2964.24 sqm
	Number and area of podia:	NA
	Total Parking area:	9248.32 sqm
	Area per car:	35 sqm and 30 sqm
	Area per car:	35 sqm and 30 sqm
	Number of 2-Wheelers as approved by competent authority:	454
	Number of 4-Wheelers as approved by competent authority:	227
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 41 of 75

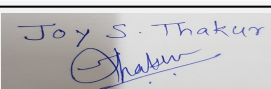
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 42 of 75	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for prior Environmental clearance for total plot area of 6800 m², FSI area of 15300 m², Non FSI area of 13324.79 m² and total BUA of 28534.79 m².

The building configuration of the proposal is as below:

Building A and B (Height 35.9 m): B+LP+GP+11

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

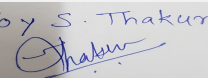
PP has satisfactorily complied with the points raised in 99th meeting of SEAC-3.

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

Specific Conditions by SEAC:

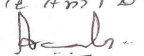
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9,
2020

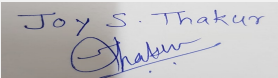
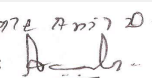
Page 43
of 75

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

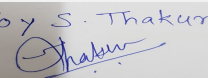
106 SEAC-3 Day 03**SEAC Meeting number: 106 Meeting Date March 9, 2020****Subject:** Environment Clearance for Environment Clearance for Proposed IT Building at Plot no.29, MIDC IT/ ITES-SEZ, Rajiv Gandhi Infotech Park, Hinjewadi Phase 3, Pune 411057 by M/s Aurus Tech Pvt. Ltd.**Is a Violation Case:** No

1.Name of Project	Environment Clearance for Proposed IT Building at Plot no.29, MIDC IT/ ITES-SEZ, Rajiv Gandhi Infotech Park, Hinjewadi Phase 3, Pune 411057 by M/s Aurus Tech Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Ratilal Mutha for M/s Aurus Tech Pvt. Ltd.
4.Name of Consultant	VK:e Environmental LLP, Pune
5.Type of project	IT building project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot no.29, MIDC IT/ ITES-SEZ, Rajiv Gandhi Infotech Park, Hinjewadi Phase 3, Pune 411057
9.Taluka	Mulshi
10.Village	Hinjewadi
Correspondence Name:	Mr. Rahul Ratilal Mutha for M/s Aurus Tech Pvt. Ltd.
Room Number:	Not applicable
Floor:	Not applicable
Building Name:	Not applicable
Road/Street Name:	Nigdi Pradhikaran
Locality:	Nigdi
City:	Pune- 411044
11.Whether in Corporation / Municipal / other area	MIDC, Hinjewadi
12.IOD/IOA/Concession/Plan Approval Number	under process IOD/IOA/Concession/Plan Approval Number: under process Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	13000
16.Deductions	1300
17.Net Plot area	11700
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 23400 b) Non FSI area (sq. m.): 29475 c) Total BUA area (sq. m.): 52875
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 20-09-2019
19.Total ground coverage (m2)	7615
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	65.08%
21.Estimated cost of the project	1059340379

22.Number of buildings & its configuration

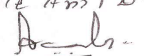
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 44 of 75	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	IT Tower 1	LG+UG+P+7	44.7 (From zero level), 39.8 (From Avg Ground Level)	
23.Number of tenants and shops	1 office building			
24.Number of expected residents / users	Commercial users : 2507 , No. Visitors : 125, Total Population: 2632			
25.Tenant density per hectare	Not applicable as it is a commercial building			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Project is accessible from 60 m wide road. The nearest fire station is : MIDC Ultra-Modern Fire Station, Distance : 1.57 kms			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m turning radius is provided for easy fire tender access.			
29.Existing structure (s) if any	Not applicable			
30.Details of the demolition with disposal (If applicable)	Not applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

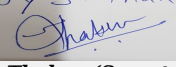
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 45 of 75


Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	MIDC							
	Fresh water (CMD):	71 (For Domestic use) + 19 (For HVAC cooling) Total-90 KLD							
	Recycled water - Flushing (CMD):	51 (Flushing) + 37 (Recycled water for HVAC Makeup) Total 88 KLD							
	Recycled water - Gardening (CMD):	18 KLD + 1KLD (For Landscape water body) Total -19 KLD							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	197							
	Fire fighting - Underground water tank(CMD):	2 Nos 100 KLD each							
	Fire fighting - Overhead water tank(CMD):	60 KLD each							
	Excess treated water	00							
Wet season:	Source of water	MIDC							
	Fresh water (CMD):	71							
	Recycled water - Flushing (CMD):	51 KLD (Flushing) + 56 KLD (Recycled water for HVAC Makeup) Total -107 KLD							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	NA							
	Total Water Requirement (CMD) :	178							
	Fire fighting - Underground water tank(CMD):	2 Nos 100 KLD each							
	Fire fighting - Overhead water tank(CMD):	60 KLD each							
	Excess treated water	00							
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

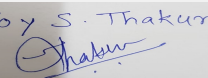
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 46 of 75

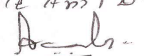
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon : 9 m ; Pre monsoon : 20 m
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	4 no's
	Size of recharge pits :	Recharge Pit size : 2 x 2 x 2 m; Bore well : 0.160 m diameter and 60 m depth
	Budgetary allocation (Capital cost) :	Rs. 4,00,000/-
	Budgetary allocation (O & M cost) :	Rs. 30,000/-
	Details of UGT tanks if any :	Domestic Water Tank : 75 cum Flushing Water Tank : 57 cum
35.Storm water drainage	Natural water drainage pattern:	The storm water drainage will be designed according to contours
	Quantity of storm water:	220 m ³
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	112
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 No. of STP of 115 KLD
	Location & area of the STP:	Upper ground level, Total Area is 72 sq.m.
	Budgetary allocation (Capital cost):	Rs. 17,50,000/-
	Budgetary allocation (O & M cost):	Rs. 1,43,000/-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	60 kg/day (Wet + Dry)
	Disposal of the construction waste debris:	The maximum construction waste will be used within the site for leveling purpose and base course preparation of internal approach roads.
Waste generation in the operation Phase:	Dry waste:	545 kgs/day
	Wet waste:	613 kgs/day
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	11.3 kg/day
	Others if any:	E-waste- 7.2 kgs/day

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9,
 2020

Page 47
 of 75

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

Mode of Disposal of waste:	Dry waste:	Handed over to authorized vendor
	Wet waste:	Wet waste will be treated in onsite organic waste converter machine
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	Handed over to authorized vendor
Area requirement:	Location(s):	Lower ground level
	Area for the storage of waste & other material:	Included in machine area
	Area for machinery:	60 sqm
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20,75,000/-
	O & M cost:	Rs. 4,30,000/-

37. Effluent Characteristics

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

38. Hazardous Waste Details

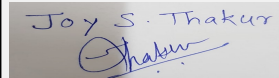
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

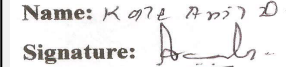
40. Details of Fuel to be used

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


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

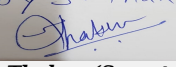
Page 48 of 75

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

43.Green Belt Development	Total RG area :	1300.15
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	170
	List of proposed native trees :	refer the list below
	Timeline for completion of plantation :	till operation phase


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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Syzygium cumini	Jambhul tree	12	A large size tree with dense foliage provides shade along roads, wood is water resistant and attracts a variety of birds
2	Millingtonia hortensis	Indian cork tree	10	A columnar evergreen tree, grows well in both dry and moist regions
3	Lagerstromia flos-regineae	Tamhan	11	State flower tree of Maharashtra, medium sized tree, beautiful purple flowers, grows well in both dry and humid climate
4	Pongamia pinnata	Karanj	13	Large tree good for stopping soil erosion along canal banks
5	Azadirachta indica	Neem tree	10	A medium to large sized hardy tree which stands in drought conditions. Air purifying quality and attains a larger size in dry regions
6	Cassia fistula	Bahava	12	Small deciduous tree, excellent bright flowering tree for arid regions
7	Ficus benjamina	Weeping fig	10	Medium sized evergreen tree with elegant appearance and moderate water requirement
8	Plumeria alba	Champa	10	Ornamental flowering tree
9	Michelia champaca	Sonchapha	9	Medium sized evergreen tree, fragrant yellow flowers, butterfly host plant
10	Polyalthia longifolia	Ashoka	10	Large evergreen tree, effective in decreasing noise pollution
11	Mangifera indica	Mango	15	Large evergreen and fruit bearing tree
12	Albizia lebeck	Shirish	10	Shady, large tree, ball shaped flowers
13	Psidium guajava	Guava	18	Medium sized fruit bearing tree
14	Annona squamosa	Sitaphal	10	Medium sized fruit bearing tree
15	Phyllanthus emblica	Awla	10	An important medicinal plant in the traditional Indian system of Ayurvedic medicine
45.Total quantity of plants on ground				

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 49 of 75

Name: K. Anil Kale

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

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	Allamanda Yellow	0.45	60
2	Asparangus Sprengeri	0.30	53
3	Ixora Red	0.30	120
4	Wedelia trilobata	0.15	75
5	Rhoeo	0.30	28
6	Plumbago capensis	0.45	530

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	120 kVA
	DG set as Power back-up during construction phase	1 no. X 120 kVA
	During Operation phase (Connected load):	3478 kVA
	During Operation phase (Demand load):	2538 kVA
	Transformer:	1 nos. X 2500 kVA
	DG set as Power back-up during operation phase:	3 no's x 1000 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:

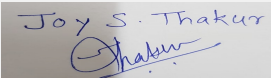
30 NOS 72 W External lights with stand-alone solar panel
 LED lighting in common areas
 Elevators having motors with VFD
 Total energy Saving: 15 %

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy saving due to LED lighting in external areas with stand alone solar panel	100 %
2	LED lighting in common areas of the building	44.40 %
3	Lifts having motors with VFD	15 %
4	Solar PV Cells	100 %

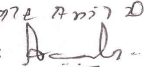
50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
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 Joy S.Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

**Page 50
 of 75**

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

Not applicable	Not applicable	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 33,00,000/-
	O & M cost:	Rs.1,78,000/-

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	6.73
2	Land	Labor Camp toilets & sanitation	14.40
3	Health and Safety	Personal Protective Equipment	12
4	Health and Safety	Health checkup & Disinfection	1.41
5	Environment Management	Environment management cell	1.85
6	Environmental Monitoring	Environmental Monitoring	1.85

b) Operation Phase (with Break-up):

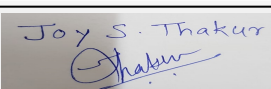
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	STP -MBBR Technology	17.5	10.43
2	Solid Waste Management	1 OWC Machine	20.75	4.30
3	Landscaping	Development and Maintenance	14.80	1.18
4	Rain Water Harvesting	Recharge pits	4.0	0.30
5	Energy Saving	Solar PV Panels	33	1.78
6	Environmental Monitoring	-	1.85	-
7	Lightening Arrester	Lightening Arrester	3.0	0.15

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

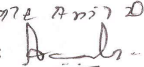
52.Any Other Information

No Information Available


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 51 of 75

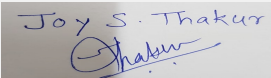
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	Proposed site is located at Hinjewadi Phase 3. The road network within the site has been designed to cater to the traffic loads of the project, Internal 6 m Driveway will be provided
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	1 Podium of Area : 4726 sq.m.
	Total Parking area:	15658.56 sq. mt.
	Area per car:	12.50 sq. mt.
	Area per car:	12.50 sq. mt.
	Number of 2-Wheelers as approved by competent authority:	241
	Number of 4-Wheelers as approved by competent authority:	560
	Public Transport:	Not applicable
	Width of all Internal roads (m):	6 m. wide internal road and 9 m. turning radius will be provided
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a Building and Construction Projects
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

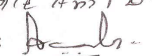
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 52 of 75

Name: K. Anil Kale

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

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

Brief information of the project by SEAC

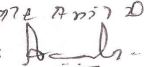
PP had submitted application for prior Environmental clearance for total plot area of 13000 m², FSI area of 23400 m², Non FSI area of 29475 m² and total BUA of 52875 m².

The building configuration of the proposal is as below:

IT Tower 1 : LG+UG+P+7 : (Height 44.7 m from zero level and 39.8m from avg Ground Level).

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

DECISION OF SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 53 of 75	Name: K 072 Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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During discussion following points emerged:

1. PP to submit details sewer line up to final disposal point and drainage NOC.
2. PP to submit CFO NOC beyond 5th floor

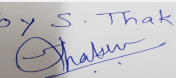
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

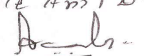
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000414

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9,
2020

Page 54
of 75

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

106 SEAC-3 Day 03

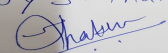
SEAC Meeting number: 106 Meeting Date March 9, 2020

Subject: Environment Clearance for Environmental Clearance for proposed Residential & Commercial development "Ganga Arcadia" at Kharadi Pune

Is a Violation Case: Yes

1.Name of Project	Residential & Commercial project "Ganga Arcadia" by M/s. Goel Ganga India Pvt. Ltd
2.Type of institution	Private
3.Name of Project Proponent	Shri Atul Goel - M/s. Goel Ganga India Pvt Ltd
4.Name of Consultant	Mahabal Enviro Engineers Pvt. Ltd.
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot A , S.no. 22/2 (P) at Kharadi , Pune
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	M/s. Goel Ganga India Pvt ltd.
Room Number:	-
Floor:	3rd floor
Building Name:	San Mahu Commercial complex
Road/Street Name:	5 Bund Garden Road , Opp. Poona Club Camp, Pune I
Locality:	Pune
City:	Pune
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Sanction Plan Approved by Pune Municipal Corporation IOD/IOA/Concession/Plan Approval Number: CC/2080/15 dated 06.10.2015 Approved Built-up Area: 10873
13.Note on the initiated work (If applicable)	Building B & C completed as per sanction received from Pune Municipal Corporation vide no. CC/2080/15 dated 06.10.2015
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	11,432 m2
16.Deductions	2,860 m2
17.Net Plot area	8,571 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 18,217 m2 b) Non FSI area (sq. m.): 19,758 m2 c) Total BUA area (sq. m.): 37975
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 10873 m2 Approved Non FSI area (sq. m.): NA Date of Approval: 06-10-2015
19.Total ground coverage (m2)	4,043
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	47 %
21.Estimated cost of the project	974400000

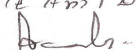
22.Number of buildings & its configuration

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Joy S.Thakur (Secretary SEAC-III)

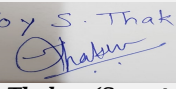
SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 55 of 75

Name: K. Anil Kale
Signature: 

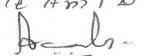
Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	B+G+11	35.95	
2	Building B	B+G+8	29.89	
3	Building C	B+G+4	16.87	
4	Commercial	Total 68 nos of shop (A building -16 nos. proposed; B building- 24 nos. & C building 28 nos. Existing)	-	
5	Club House	G+1	7.05	
23.Number of tenants and shops		Tenements- 232 nos. & Shops- 68 nos.		
24.Number of expected residents / users		Residential - 1,160 nos. & Commercial -204 nos.- Total Population- 1,364 nos.		
25.Tenant density per hectare		250/Ha.		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		30 m & 45 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		1. B building completed- Completion certificate received from PMC for 24 shops & 84 flats vide no. OCC/0637/15 dated 21.08.2015 & for 12 flats vide no. OCC/0980/15 dated 31.10.2015. 2. C building Occupancy certificate received vide no. OCC/0683/17 dated 28.06.2017		
30.Details of the demolition with disposal (If applicable)		Not Applicable		
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

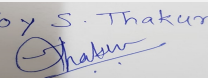
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SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 56 of 75

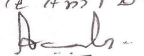
Name: K ०१२ Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	Pune Municipal corporation							
	Fresh water (CMD):	109 m3/day							
	Recycled water - Flushing (CMD):	58 m3/day							
	Recycled water - Gardening (CMD):	6 m3/day							
	Swimming pool make up (Cum):	1 m3							
	Total Water Requirement (CMD) :	167 m3/day							
	Fire fighting - Underground water tank(CMD):	200 m3							
	Fire fighting - Overhead water tank(CMD):	A building - 128 m3, B building - 124 m3 & C building - 48 m3							
	Excess treated water	86 m3/day							
Wet season:	Source of water	Pune Municipal corporation							
	Fresh water (CMD):	109 m3/day							
	Recycled water - Flushing (CMD):	58 m3/day							
	Recycled water - Gardening (CMD):	3 m3/day							
	Swimming pool make up (Cum):	1 m3							
	Total Water Requirement (CMD) :	167 m3/day							
	Fire fighting - Underground water tank(CMD):	200 m3							
	Fire fighting - Overhead water tank(CMD):	A building - 128 m3, B building - 124 m3 & C building - 48 m3							
	Excess treated water	89 m3/day							
Details of Swimming pool (If any)	Swimming pool of size - 6 m x 12 m x 1.3 m Make up water requirement - 1 m3								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
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

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 57 of 75

Name: K. Anil Kale

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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon-7 m , Post monsoon-6 m average
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	6 nos.of recharge pits
	Size of recharge pits :	1.3 m. X 2.5 m depth
	Budgetary allocation (Capital cost) :	Rs. 2 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1 Lakh
	Details of UGT tanks if any :	UGT (Existing)- 1. Drinking water-19 m3 2. Utility for commercial - 37 m3 3. Utility for residential -150 m3 4. Fire water tank - 200 m3 5. Flushing water tank - 70 m3 UGT (Proposed)- 1. Drinking water-19 m3 2. Utility water tank- 164 m3 3. Fire water tank - 200 m3 4. Flushing water tank - 95 m3
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	0.23 m3/sec
	Size of SWD:	450 mm line with perforated chambers 600 mm x 600 mm
Sewage and Waste water	Sewage generation in KLD:	150 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 no. and capacity are 160 m3/day
	Location & area of the STP:	STP 1: 160 m3/day is Near amenity area with area 307 m2
	Budgetary allocation (Capital cost):	Rs. 40 Lakh
	Budgetary allocation (O & M cost):	Rs. 10 Lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	15,511 m3 excavation quantity
	Disposal of the construction waste debris:	Will be used for levelling & backfilling work at site.
Waste generation in the operation Phase:	Dry waste:	263 kg/day
	Wet waste:	368 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	1 kg/day
	Others if any:	E waste 2 kg/day

Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler for further handling and purpose
	Wet waste:	Through Vermicomposting pits & OWC machine. Generated manure will be used for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure for gardening purpose
	Others if any:	Handed over to authorized recyclers for further treatment.
Area requirement:	Location(s):	Near B Building and C Building
	Area for the storage of waste & other material:	12 m ²
	Area for machinery:	36 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 15 Lakh
	O & M cost:	Rs. 3 Lakh

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

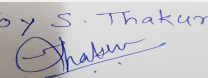
39. Stacks emission Details

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

40. Details of Fuel to be used

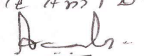
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 59 of 75

Name: K. Anil Kale

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

43.Green Belt Development	Total RG area :	1,143 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	108 nos. proposed
	List of proposed native trees :	Provided
	Timeline for completion of plantation :	6 to 9 months after completion of Civil Works

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

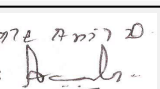
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadirachta indica	Neem	14	Good for road side plantation & provide shade.
2	Bauhinia racemosa	Apata	18	Drought resistance, good air purifier and have medicinal properties.
3	Cassia Fistula	Bahava	14	Have medicinal properties and larval host for butterflies
4	Lagerstroemia Flos-reginae	Tamhan	52	Good as a avenue tree good for group planting around water garden & ponds.
5	Michelia champaka	Son chapha	10	Butterfly-host plant
6	Total	-	108	-

45.Total quantity of plants on ground

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

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

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 60 of 75	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	30 kW
	DG set as Power back-up during construction phase	1 nos. x 40 kVA
	During Operation phase (Connected load):	1,865 kVA
	During Operation phase (Demand load):	1,658 kVA
	Transformer:	3 nos. x 630 kVA
	DG set as Power back-up during operation phase:	1 no. x 160 kVA, stack height 6.53 m
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

1. LED Lamps in Common area ,
2. Solar Hot Water System.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy saving	19 %

50. Details of pollution control Systems

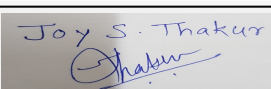
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 40 Lakh
	O & M cost:	Rs. 1 Lakh

51. Environmental Management plan Budgetary Allocation

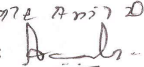
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water for dust suppression	Rs. 2 Lakh
2	Site Sanitation & Safety	Sanitation Disinfection & Health check up	Rs. 6 Lakh
3	Environmental Monitoring	Environmental Monitoring	Rs. 3 Lakh
4	Disinfection	Anti-termite treatment	Rs. 2 Lakh
5	Health Check up	Safety parameters	Rs. 2 Lakh
6	Total	-	Rs.15 Lakh


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 61 of 75

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	Sewage Treatment plant	1 no. of STP having total Capacity 160 m ³ /day	Rs. 40 Lakh	Rs. 10 Lakh
2	Vermicomposting Pit	3 unites for A, B & C building and OWC machine	Rs. 15 Lakh	Rs. 3 Lakh
3	Landscape	Tree Plantation & Landscaping	Rs. 4 Lakh	Rs. 1 Lakh
4	Environmental Monitoring	Monitoring and analysis of Air and Noise, water, soil etc.	MoEF Approved Laboratory	Rs. 3 Lakh
5	Energy Conservation	Solar street lighting	Rs. 40 Lakh	Rs. 1 Lakh
6	Rain Water Harvesting	6 no. of recharge pits	Rs. 2 Lakh	Rs. 1 Lakh
7	Laying of storm & Sewer line up to final disposal point	Laying of storm & Sewer line up to final disposal point	Rs. 12 Lakh	Rs. 1 Lakh
8	Total	-	Rs. 113 Lakh	Rs. 20 Lakh

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

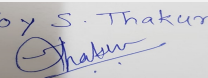
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

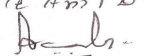
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1 No.
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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

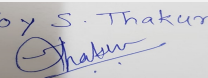
Page 62 of 75

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

Parking details:	Number and area of basement:	1. A building- 1 no., Area- 1,567 m2, 2. B building-1 no., area- 2,185 m2, 3. C building- 1 no. area- 1,084 m2; Total basement area- 4,834 m2
	Number and area of podia:	NA
	Total Parking area:	6,923 m2
	Area per car:	35 m2 for Basement & 30 m2 for Covered parking
	Area per car:	35 m2 for Basement & 30 m2 for Covered parking
	Number of 2-Wheelers as approved by competent authority:	656 nos. of scooters & 528 nos. of cycles
	Number of 4-Wheelers as approved by competent authority:	180 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a), B2
	Court cases pending if any	Court Cases details- 1. District court, Pune- Case no.627/2013 2. District court, Pune- Case no.674/2017 3. Additional collector, Pune- RTS appeal- 2/A/298/2018 4. PMC court- 1191/2017 All the above-mentioned cases are not pertaining to environment
	Other Relevant Informations	We are applying for Residential and Commercial project under schedule 8(a) B2 category. We have received sanction from Pune Municipal Corporation for building B & C. Building A is proposed. Now we are applying for EC considered A, B & C building. We have submitted application to MoEF having proposal no. IA/MH/NCP/67813/2017 dated 01.09.2017 under the violation cases as per MoEF notification dated 14.03.2017
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-09-2017

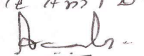
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-

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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 63 of 75

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

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

Brief information of the project by SEAC

PP remained **absent**. The proposal was **deferred**.

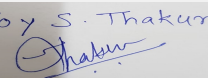
DECISION OF SEAC

PP remained **absent**. The proposal was **deferred**.

Specific Conditions by SEAC:

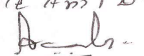
FINAL RECOMMENDATION

Kindly find SEIAA decision above.

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 64 of 75

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

106 SEAC-3 Day 03

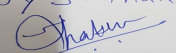
SEAC Meeting number: 106 Meeting Date March 9, 2020

Subject: Environment Clearance for Residential Project

Is a Violation Case: No

1.Name of Project	Perfect 10
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rinku Shewani & Mr. Rupesh Banthia
4.Name of Consultant	Mr. Rajesh S. Shrivastava, Pollution & Ecology Control Services (PECS)
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in existing Environmental Clearance
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes.
8.Location of the project	S. No. 38/2A, 38/2B, 38/3, Balewadi
9.Taluka	Haveli
10.Village	Balewadi
Correspondence Name:	Mr. Rinku Shewani M/s. Shagun Manav Spaces LLP
Room Number:	B/14
Floor:	NA
Building Name:	Mittal Court Opp. Ashoka Pavillion
Road/Street Name:	NA
Locality:	Camp
City:	Pune- 411001
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	PMC
	IOD/IOA/Concession/Plan Approval Number: CC1611/18
	Approved Built-up Area: 56944.14
13.Note on the initiated work (If applicable)	Construction work for Buildings A1-A2 & B1-B2 is complete & construction work for building B3-B4 is in process as per the EC received SEAC-2212/CR463/TC-II dated 06/10/2015. Total completed construction is 32,925.62 sq.m
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	27450.00
16.Deductions	6272.89
17.Net Plot area	21177.11
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 33612.48
	b) Non FSI area (sq. m.): 23331.66
	c) Total BUA area (sq. m.): 56944.14
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 33612.48
	Approved Non FSI area (sq. m.): 23331.66
	Date of Approval: 27-08-2018
19.Total ground coverage (m2)	6109.52
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	28.85%
21.Estimated cost of the project	900000000

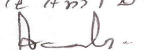
22.Number of buildings & its configuration

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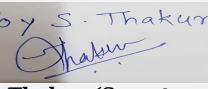
SEAC Meeting No: 106 Meeting Date: March 9, 2020

**Page 65
of 75**

Name: K. Anil Kale
Signature: 


Shri. Anil Kale (Chairman SEAC-III)

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A1-A2	P+9	30.10	
2	B1-B2	LP+UP+11	37.45	
3	B3-B4	LP+UP+11	37.45	
4	B5-B6	LP+UP+11	35.5	
5	B7-B8	LP+UP+11	35.5	
6	Club House	G+1	-	
23.Number of tenants and shops	No. of Tenements- 438 Nos No. of Shops- Nil			
24.Number of expected residents / users	Residential Users- 2190 Nos Commercial Users- Nil			
25.Tenant density per hectare	207 Tenements per hectore			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 M wide approach Road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 M			
29.Existing structure (s) if any	Yes. Construction Completed for Buildings A1-A2, B1-B2 & Construction in progress for Building B3-B4 as per previous EC obtained SEAC-2212/CR463/TC-II dated 06/10/2015.			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

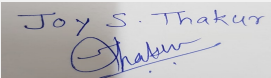
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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 66 of 75

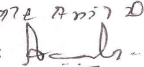
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC							
	Fresh water (CMD):	197.1							
	Recycled water - Flushing (CMD):	98.55							
	Recycled water - Gardening (CMD):	21.82							
	Swimming pool make up (Cum):	2.4							
	Total Water Requirement (CMD) :	319.87							
	Fire fighting - Underground water tank(CMD):	300.00							
	Fire fighting - Overhead water tank(CMD):	200.00							
	Excess treated water	146.00							
Wet season:	Source of water	PMC							
	Fresh water (CMD):	197.1							
	Recycled water - Flushing (CMD):	98.55							
	Recycled water - Gardening (CMD):	0.00							
	Swimming pool make up (Cum):	0.00							
	Total Water Requirement (CMD) :	299.65							
	Fire fighting - Underground water tank(CMD):	300.00							
	Fire fighting - Overhead water tank(CMD):	200.00							
	Excess treated water	168.00							
Details of Swimming pool (If any)	Dimensions of Swimming Pool: 22m x 6m x 1.2m Total water requirement: 160 KLD Water required for makeup: 2.4 KLD								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

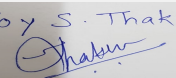

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 67 of 75

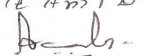
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15-20 M BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5 Nos of recharge pits with bore proposed
	Size of recharge pits :	1.5m x 1.5m x 5.0m
	Budgetary allocation (Capital cost) :	Rs. 9.25 Lacs
	Budgetary allocation (O & M cost) :	Rs. 1.2 Lacs /Annum
	Details of UGT tanks if any :	Flushing UG Tank Capacity: 148.00 KLD Domestic UG tank Capacity: 296 KLD Fire UG Tank Capacity: 300 KLD
35.Storm water drainage	Natural water drainage pattern:	South to North
	Quantity of storm water:	4633.43 Cum/Annum
	Size of SWD:	450 mm to 600 mm
Sewage and Waste water	Sewage generation in KLD:	266.09 KLD
	STP technology:	CWT
	Capacity of STP (CMD):	300 KLD - 1 No
	Location & area of the STP:	Shown on Plan
	Budgetary allocation (Capital cost):	Rs. 100 Lacs
	Budgetary allocation (O & M cost):	Rs. 10 Lacs/ Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	0.5 Kg/day
	Disposal of the construction waste debris:	To be disposed through authorized agency & recyclers
Waste generation in the operation Phase:	Dry waste:	438.00 Kg/day
	Wet waste:	657.00 Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	NIL
	STP Sludge (Dry sludge):	Negligible
	Others if any:	NA

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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 68 of 75

Name: K. Anil Kale

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

Mode of Disposal of waste:	Dry waste:	Handed over to Authorized agency
	Wet waste:	In -Situ Composting
	Hazardous waste:	If generated, shall be handed over to authorized agency
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	If generated, shall be composted in Organic waste composter.
	Others if any:	NA
Area requirement:	Location(s):	As shown on master DWG
	Area for the storage of waste & other material:	Considered in total area of 43.83 allotted for Composter
	Area for machinery:	Considered in total area of 43.83 allotted for Composter
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 25.00 Lacs
	O & M cost:	Rs. 6.00 Lacs/Annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

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

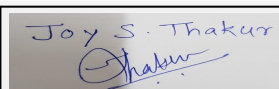
39. Stacks emission Details

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

40. Details of Fuel to be used

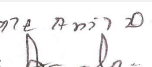
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

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


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 69 of 75

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

43.Green Belt Development	Total RG area :	3563.00 Sqm
	No of trees to be cut :	Nil
	Number of trees to be planted :	275 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

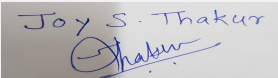
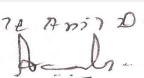
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Alianthus excelsa	Maharukh	54	Large deciduous tree, attracting birds, having Medicinal Uses
2	Azadirachta indica	Neem	32	Evergreen tree, fast growing, medicinal uses
3	Millingtonia hortensis	Buch	47	Flowering tree attracting Birds.
4	Syzygium cumini	Jambhul	21	Dense ornamental, fruit bearing tree
5	Caryota urens	Fishtail Palm	25	Ornamental tree
6	Anthocephalus kadamba	Kadamba	33	Shady, large tree, ball shaped flowers
7	Erythrina Indica	pangara	25	Native to Western Maharashtra, this Reddish-Orange Flowering and Deciduous tree attracts lot of Birds for the Nectar.
8	Baauhinia blakenea	Kanchan	16	Quick growing shady tree, attracts bees butterflies & birds.
9	Manikaran zapota	Chiku	22	This small tree attracts Birds and Bees. Edible Fruit.

45.Total quantity of plants on ground

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

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

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 70 of 75	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	2271 KW
	During Operation phase (Demand load):	998 KW
	Transformer:	630 KVA- 2 Nos
	DG set as Power back-up during operation phase:	160 KVA- 1 No
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No HT line passing through the plot

48. Energy saving by non-conventional method:

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

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Panels	13500 KWH/ Annum
2	Timer Logic Controller	92569 KWH/ Annum
3	Electronic V3F Drive for lifts	21783 KWH/ Annum
4	Solar Water Heater	609696 KWH/ Annum
5	Total Percentage saving	18.75 %

50. Details of pollution control Systems

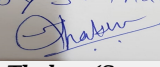
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 83.45 Lacs
	O & M cost:	Rs. 3.17 Lacs/Annum

51. Environmental Management plan Budgetary Allocation


a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for construction & labour	Water Requirement	1.22

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 71 of 75

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

2	Site sanitation & safety	Health & Hygiene	1.60
3	Environmental Monitoring	Monitoring & Pollution Control	1.80
4	Disinfection	Health & Hygiene	0.50
5	Health Check Up	Health & Hygiene	0.50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain water harvesting	Harvesting Pits	9.25	1.20
2	Sewage treatment plant	Waste Water Management	100.00	10.00
3	Organic waste composter	Solid Waste Management	25.00	6.00
4	Tree plantation	Landscape Development	40.00	7.00
5	Energy Saving	Energy Conservation	83.45	3.17
6	Environmental Monitoring	Pollution Control	0.00	1.80

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

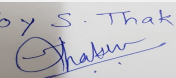
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

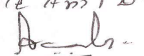
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1
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SEAC Meeting No: 106 Meeting Date: March 9, 2020

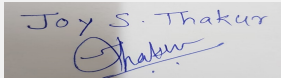
Page 72 of 75

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

Parking details:	Number and area of basement:	Nil
	Number and area of podia:	Nil
	Total Parking area:	15656.20
	Area per car:	30 Sqm
	Area per car:	30 Sqm
	Number of 2-Wheelers as approved by competent authority:	940 Nos
	Number of 4-Wheelers as approved by competent authority:	441 Nos
	Public Transport:	Nil
	Width of all Internal roads (m):	Minimum 6 M
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (a)
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

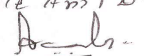
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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


 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9, 2020

Page 73
of 75

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

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

Brief information of the project by SEAC

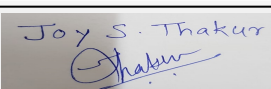
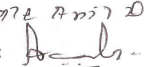
PP had submitted application for prior Environmental clearance for total plot area of 27450.00m², FSI area of 33612.48m², Non FSI area of 23331.66 m² and total BUA of 56944.14m².

The building configuration of the proposal is as below:

1	A1 - A2	P + 9	30.10
2	B1 - B2	LP + UP + 11	37.45
3	B3 - B4	LP + UP + 11	37.45
4	B5 - B6	LP + UP + 11	35.5
5	B7 - B8	LP + UP + 11	35.5
6	Club House	G + 1	-

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

DECISION OF SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 9, 2020	Page 74 of 75	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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During discussion following points emerged:

1. PP to submit drawing for internal storm water drain and sewer upto final disposal point.
2. PP to submit geo-hydrological report including details of semi-confined/confined aquifers.
3. PP to submit environmental status report.
4. PP to submit phase wise programme for proposed construction showing entry /exit from the existing road only and not from proposed road.
5. PP to submit co-ordinated master layout superimposing all environmental parameters.
6. PP to submit details of STP.
7. PP to submit details of UGT.
8. PP to submit undertaking regarding complying with the norms / parameters of STP prescribed for in the order dt. 30.04.2019 issued by Hon'ble National Green Tribunal, Principal Bench in O.A. no. 1069/2018.
9. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC. (d) solid waste / e-waste management. (e) Garden NOC.
10. PP to submit survival report of existing trees. PP to submit plantation plan incorporating local native fruit bearing trees and mitigation measures for nuisance due to allergic plants.

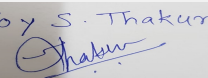
PP requested for time to submit the information sought; after deliberations committee asked PP to **comply** with the observations and submit information to the committee for further discussion and consideration of SEAC.

Specific Conditions by SEAC:

1) -

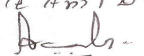
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 9,
2020

Page 75
of 75

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

106 SEAC-3 Day 04

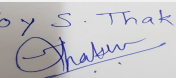
SEAC Meeting number: 106 Meeting Date March 10, 2020

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

Is a Violation Case: No

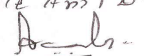
1.Name of Project	Environmental Clearance for proposed residential project at G. No. 570, Wagholi by Stuti Associates
2.Type of institution	Private
3.Name of Project Proponent	Kailash Mundada
4.Name of Consultant	Vke:Environmental LLP
5.Type of project	Housing Project
6.New project/expansion in existing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

22.Number of buildings & its configuration

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 1 of 108

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

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

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

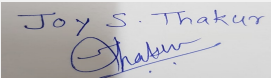
31.Production Details

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

32.Total Water Requirement

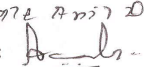
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 2 of 108	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	Wagholi Grampanchayat							
	Fresh water (CMD):	245							
	Recycled water - Flushing (CMD):	116							
	Recycled water - Gardening (CMD):	12							
	Swimming pool make up (Cum):	3							
	Total Water Requirement (CMD) :	373							
	Fire fighting - Underground water tank(CMD):	800							
	Fire fighting - Overhead water tank(CMD):	200							
	Excess treated water	196							
Wet season:	Source of water	Wagholi Grampanchayat							
	Fresh water (CMD):	245							
	Recycled water - Flushing (CMD):	116							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	358							
	Fire fighting - Underground water tank(CMD):	800							
	Fire fighting - Overhead water tank(CMD):	200							
	Excess treated water	206							
Details of Swimming pool (If any)	Main Pool Size: 8m x 16 m x 1.2 m depth Baby Pool Size: 6 m x 6 m x 0.7 m depth parameters to be monitored: 1. pH -7.2 7.6 2. Chlorine level -1 to 1.5 mg/l Capital Cost: 1225000 O & M Cost: 240000 per annum								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

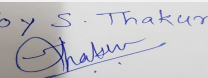

 Joy S.Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 106 Meeting Date: March
 10, 2020**

**Page 3 of
 108**

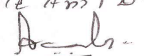
Name: K. Anil Kale
 Signature: 
 Shri. Anil Kale (Chairman
 SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15 to 27 m bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	6 no
	Size of recharge pits :	2mx2mx2.5m
	Budgetary allocation (Capital cost) :	450000
	Budgetary allocation (O & M cost) :	22500
	Details of UGT tanks if any :	Fire UG tank Capacity:800 cum
35.Storm water drainage	Natural water drainage pattern:	Natural water drainage pattern: The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits
	Quantity of storm water:	1200 m3/day
	Size of SWD:	600 MM
Sewage and Waste water	Sewage generation in KLD:	322 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	330KLD
	Location & area of the STP:	On ground
	Budgetary allocation (Capital cost):	50,00,000
	Budgetary allocation (O & M cost):	1640490
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Dry waste (Kg/day): 8 kg/day Wet waste (Kg/day): 12 kg/day =Total waste generated: 20 kg/day
	Disposal of the construction waste debris:	The construction waste generated during construction shall be segregated, reused on site and surplus shall be led to scrap dealers for recycling
Waste generation in the operation Phase:	Dry waste:	517 kg/day
	Wet waste:	775 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	45 kg/day
	Others if any:	E waste- 3.44 kg/yr

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 106 Meeting Date: March
 10, 2020**

**Page 4 of
 108**

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

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

37. Effluent Characteristics

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

38. Hazardous Waste Details

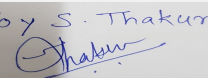
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

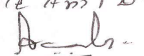
40. Details of Fuel to be used

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

Joy S. Thakur

 Joy S. Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
 10, 2020

Page 5 of
 108

Name: K. Anil Kale

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

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

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

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

45.Total quantity of plants on ground

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

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

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 6 of 108	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	1 No-250Kva
	During Operation phase (Connected load):	2373 kw
	During Operation phase (Demand load):	1509 KVA
	Transformer:	2 Nos. of 630 KVA ,1 Nos. of 315 KVA
	DG set as Power back-up during operation phase:	1 No-320Kva
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NO

48. Energy saving by non-conventional method:

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

49. Detail calculations & % of saving:

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

50. Details of pollution control Systems

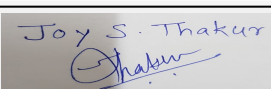
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

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

51. Environmental Management plan Budgetary Allocation

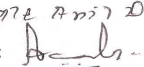
a) Construction phase (with Break-up):

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


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 7 of 108

Name: K. Anil Kale

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

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

b) Operation Phase (with Break-up):

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

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

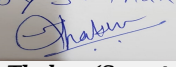
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available


53.Traffic Management

Nos. of the junction to the main road & design of confluence:	The site is located in Wagholi Area. The development will be accessible from 12m wide service road while the internal driveways are 6 m
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

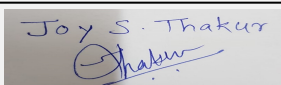
Page 8 of 108

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

Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	12800 sq.m
	Area per car:	12.5 sq.m
	Area per car:	12.5 sq.m
	Number of 2-Wheelers as approved by competent authority:	863
	Number of 4-Wheelers as approved by competent authority:	234
	Public Transport:	NA
	Width of all Internal roads (m):	6.0m wide internal road is provided and 9.0 m. Turning radius will be provided.
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a building and construction project
	Court cases pending if any	No
	Other Relevant Informations	The project area is in a residential zone. Proposed project consists of residential building having 464 flats.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

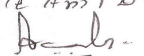
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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


 Joy S.Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 106 Meeting Date: March
10, 2020**

**Page 9 of
108**

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

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

SEAC-AGENDA-0000000415

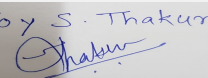
PP had submitted application for prior Environmental clearance for total plot area of 20000 m², FSI area of 28639.17 m², Non FSI area of 32194.99 m² and total BUA of 60834.16 m².

The building configuration of the proposal is as below:

Sr no	Building Name	Configuration	Height in m
1	Wing - A	LP+UP+15	47.10
2	Wing - B	LP+UP+15	47.10
3	Wing - C	LP+UP+15	47.10
4	Wing - D	LP+UP+15	47.10
5	Wing - E	LP+UP+15	47.10
6	Wing - F	LP+UP+15	47.10
7	Wing - G	LP+UP+15	47.10
8	Wing - H	LP+UP+15	47.10
9	Club house	G+2	9.2
10	MHADA	LP+UP+14	44.27

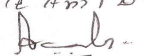
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is categorized as category 2(a)P2.

DECISION OF SEAC

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 11
of 108

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

During discussion following points emerged:

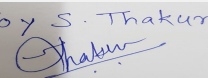
1. Parking layout plan in basement to be revised showing the entry for ground level with ramp width and minimum 6 m driveway and 1 : 10 slope.
2. PP to submit basement approved plan.
3. PP to submit **evacuation** plan for entire project for occupants, visitors and as well as cars.
4. PP to submit details and drawings along with design basis of OWC
5. PP to obtain and submit following **NOC's**: (a) CFO NOC, (b) Water supply with quantity, (c) Drainage NOC. (d) solid waste / e-waste management. (e) bio-medical waste management. (f) Garden NOC.
6. PP to submit plantation plan incorporating local native fruit bearing trees.

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

Specific Conditions by SEAC:

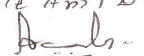
FINAL RECOMMENDATION

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

Joy S. Thakur

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SEAC Meeting No: 106 Meeting Date: March
10, 2020

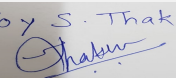
Page 12
of 108

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

106 SEAC-3 Day 04**SEAC Meeting number: 106 Meeting Date March 10, 2020****Subject:** Environment Clearance for Proposed Residential and Commercial project Sharada Myria at GAT No. 74, Village Kirkatwadi, Tal. Haveli, Dist. Pune by M/S Sharada Erectors Pvt. Ltd.**Is a Violation Case:** No

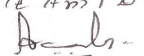
1.Name of Project	Proposed Residential and Commercial project Sharada Myria at GAT No. 74, Village Kirkatwadi, Tal. Haveli, Dist. Pune by M/S Sharada Erectors Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	M/S Sharada Erectors Pvt. Ltd. - Ashlesha Rajeev Bodas
4.Name of Consultant	VKe Environmental LLP
5.Type of project	Residential & Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in earlier EC received by Gov. of Maharashtra, dated 17-03-2015, vide letter no. SEAC-III-2014/C.R.64/TC-3
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	It is an amendment in earlier EC -SEAC-III-2014/C.R.64/TC-3, dated 17-03-2015.
8.Location of the project	GAT No. 74, Village Kirkatwadi Latitude: 18°26'46.78"N Longitude: 73°47'47.09" E
9.Taluka	Haveli
10.Village	Kirkatwadi
Correspondence Name:	Ashlesha Rajeev Bodas
Room Number:	-
Floor:	-
Building Name:	Sharada Centre
Road/Street Name:	11/1 Erandawane, Opp. Karve Road
Locality:	Pune, 411004.
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	Part Sanction Received IOD/IOA/Concession/Plan Approval Number: 457/18-19 dated 20.10.2018 Approved Built-up Area: 9955.05
13.Note on the initiated work (If applicable)	Earlier EC has been received. Construction of building A is in progress as per EC.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	15200 Sq m
16.Deductions	5899.88 Sq.m
17.Net Plot area	9300.12 Sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 17245.05 Sq m b) Non FSI area (sq. m.): 18671.89 Sq m c) Total BUA area (sq. m.): 35916.94
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 9955.05 m2 Approved Non FSI area (sq. m.): - Date of Approval: 09-08-2019
19.Total ground coverage (m2)	4634.07 Sq,m
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	49.82 %
21.Estimated cost of the project	649000000

22.Number of buildings & its configuration

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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

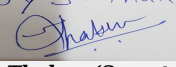
Page 13 of 108

Name: K. Anil Kale

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

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building A	G+P1+P2+9	35.70	
2	Building B	G+P1+P2+9	35.70	
3	Building C	G+P1+P2+9	35.70	
23.Number of tenants and shops	Residential: 319 Tenements & Shops: 25			
24.Number of expected residents / users	Total Population: 1,767 (Residential: 1,595 nos., Commercial Shops: 172 nos.)			
25.Tenant density per hectare	210 Tenements/ Ha			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Nanded city fire station: 1.50 km 12 m			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Turning radius for easy access of fire tender movement from all around the building is 9m.			
29.Existing structure (s) if any	Earlier EC has been received. Construction of Building A is in progress.			
30.Details of the demolition with disposal (If applicable)	Not Applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				


 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 14 of 108	Name: Kote Anil D.  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	Grampanchayat of Kirkatwadi							
	Fresh water (CMD):	152.8							
	Recycled water - Flushing (CMD):	75.2							
	Recycled water - Gardening (CMD):	8							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	236							
	Fire fighting - Underground water tank(CMD):	100							
	Fire fighting - Overhead water tank(CMD):	3 Nos. X 25 CMD							
	Excess treated water	105							
Wet season:	Source of water	Grampanchayat of Kirkatwadi							
	Fresh water (CMD):	152.8							
	Recycled water - Flushing (CMD):	75.2							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	0							
	Total Water Requirement (CMD) :	228							
	Fire fighting - Underground water tank(CMD):	100							
	Fire fighting - Overhead water tank(CMD):	3 Nos. X 25 CMD							
	Excess treated water	113							
Details of Swimming pool (If any)	NA								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

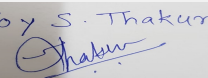
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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 15 of 108

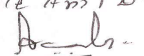
Name: **Kale Anil D.**

Shri. Anil Kale (Chairman SEAC-III)

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-Monsoon - 12m to 15 m BGL. Post Monsoon - 5 m to 7 m BGL.
	Size and no of RWH tank(s) and Quantity:	Single RWH tank proposed with size 5.4 m x 3.6 m x 2 m
	Location of the RWH tank(s):	On ground
	Quantity of recharge pits:	2
	Size of recharge pits :	2 Mt. X 1 Mt. X 2 Mt with bore well of 60 mt. at the pit bottom.
	Budgetary allocation (Capital cost) :	Rs. 4.20 Lakh
	Budgetary allocation (O & M cost) :	Rs. 0.90 Lakh/Year
	Details of UGT tanks if any :	Fire Tank: 100 m3 Domestic 195 m3 Flushing 89.22 m3
35. Storm water drainage	Natural water drainage pattern:	Natural water drainage pattern: The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits.
	Quantity of storm water:	18.92 m3/min
	Size of SWD:	600 dia
Sewage and Waste water	Sewage generation in KLD:	205 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	210 m3/day
	Location & area of the STP:	on ground
	Budgetary allocation (Capital cost):	Rs. 64.25 Lakh
	Budgetary allocation (O & M cost):	Rs. 14.15 Lakh/ year
36. Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	From Labours: 20 kg/day Wet Waste:12 kg/day, Dry Waste: 8 kg/day
	Disposal of the construction waste debris:	The material shall be used for back filling and leveling of plot and remaining will be disposed to authorized sites
Waste generation in the operation Phase:	Dry waste:	345 kg/day
	Wet waste:	496 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	31.22 kg/day
	Others if any:	E waste - 2.65 kg/ day

Joy S. Thakur

 Joy S. Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 106 Meeting Date: March
 10, 2020**

**Page 16
 of 108**

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

Mode of Disposal of waste:	Dry waste:	Handed over to authorized recycler
	Wet waste:	On site Organic Waste Composter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be Used as manure
	Others if any:	E waste will be handed over to authorized vendor
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	Total area: 30.2 m ²
	Area for machinery:	Total area: 17.8 m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14.75 lakhs
	O & M cost:	Rs. 3.11 lakhs/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

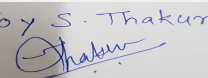
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

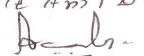
40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	-	-	-
41. Source of Fuel		Authorized vendor		
42. Mode of Transportation of fuel to site		By Road		

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 17 of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	930.08 m ²
	No of trees to be cut :	NA
	Number of trees to be planted :	No & list of trees species to be planted in the ground RG: Total Trees to be planted: 103 nos.
	List of proposed native trees :	refer Below List
	Timeline for completion of plantation :	Till operation phase

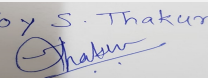
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbeck	Shirish	04	Shady tree, yellowish green fragrant flowers
2	Azadiracta indica	Neem	04	Evergreen tree, fast growing
3	Saraca asoka	Sita Ashok	05	Shady tree with red yellow flowers
4	Anthocephallus cadamba	Kadamb	04	Shady large tree with ball shaped flowers
5	Lagerstroemia flosregineae	Tamhan	05	State flower tree of Maharashtra. Medium sized tree, beautiful purple flowers
6	Murraya paniculata	Kunti	02	Small tree, Fragrant white flowers, Butterfly host plant
7	Manilkara zapota	Chiku	10	Medium size , fruit bearing tree
8	Mangifera indica	Mango	10	Tall, fruit bearing tree
9	Syzygium cumini	Jambhul	10	Dense ornamental, fruit bearing tree
10	Psidium guajava	Peru	10	Medium size , fruit bearing tree
11	Ficus retusa	Nandruk	05	Medium sized evergreen tree Shady tree
12	Michelia Champaca	Son chafa	04	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
13	Terminalia catapa	Badaam	05	Drought tolerant
14	Terminalia Arjuna	Arjun	02	Large Evergreen tree
15	lagerstromia Lanceolata	Crape Myratle	02	Medium deciduous tree. Flowers attract many birds.
16	Dalbergia latifolia	Shisham, Indian Rosewood	05	Drought Tolerant
17	Terminalia paniculata	Kindal	05	Drought Tolerant
18	Swietenia mahagoni	Mahagony	05	Large evergreen tree
19	Plumeria alba	Chafa	06	Fragrant white-yellow flowers

45.Total quantity of plants on ground

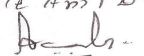
46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m ²
1	NA	NA	NA

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 18 of 108

Name: K. Anil Kale

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

47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	25 kW
	DG set as Power back-up during construction phase	50 kVA
	During Operation phase (Connected load):	1519.00 kW
	During Operation phase (Demand load):	645 kVA
	Transformer:	2 Nos. X 630 kVA
	DG set as Power back-up during operation phase:	2 Nos. X 160 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

Using LED light fitting :- 12.39%
 Occupancy sensor for internal lighting in common areas :- N.A
 Timer operation for external lighting
 Use of solar lighting :- 1.26%
 Solar water heating :- 6.71%

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	% saving	20.36 %

50. Details of pollution control Systems

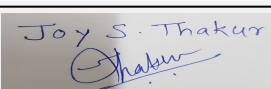
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 26.6 Lakh
	O & M cost:	Rs. 1.33 Lakh/year

51. Environmental Management plan Budgetary Allocation

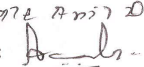
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control, dust suppression measures, top soil preservation	13.02
2	Land	Labour camp toilets & sanitation	4.80


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 19 of 108

Name: K. Anil Kale

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

3	Health and safety	Labour safety & training	4
4	Health and safety	Health checkup & disinfection	0.66
5	Environment Management	Environment management cell	1.70
6	Environmental Monitoring (Per Year)	Air, Water, Noise, Soil, DG set,	1.85

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage treatment plant	STP	64	14.15
2	Organic waste management	OWC Machine	14.75	3.11
3	Landscaping	Development and Maintenance	10.49	4.44
4	Rain water harvesting	Rain water harvesting tank	4.2	0.9
5	Energy	Hot Water , PV panels for Street Light	26.6	1.33
6	Environment Monitoring	Air, water, Noise, soil, OWC manure, DG, Treated water	-	1.85
7	Lightning Arrester	Lightning Arrester	18.5	0.37

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

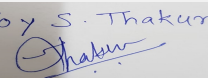
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

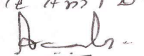
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Proposed project is located at Kirkatwadi, Pune. Project will confluent on proposed 30m wide R.P. Road and 15 m wide Road
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SEAC Meeting No: 106 Meeting Date: March 10, 2020

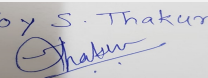
Page 20 of 108

Name: K. Anil Kale

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

Parking details:	Number and area of basement:	NA
	Number and area of podia:	2 level Podium Parking
	Total Parking area:	9397.70 sq.m.
	Area per car:	12.5 sq.m
	Area per car:	12.5 sq.m
	Number of 2-Wheelers as approved by competent authority:	Required - 387 nos. and Proposed - 431 nos.
	Number of 4-Wheelers as approved by competent authority:	Required - 62 nos. and Proposed - 300 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	Minimum 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8a
	Court cases pending if any	NA
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

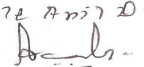
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 21 of 108

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

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

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for amendment in earlier EC - SEAC-III-2014/C.R.64/TC-3, dated 17-03-2015 for total plot area of 15200 m², FSI area of 17245.05 m², Non FSI area of 18671.89 m² and total BUA of 35916.94 m².

The building configuration of the proposal is as below:

Building A, B and C (Height 35.7 m) : G+P1+P2+9

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

DECISION OF SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 22 of 108	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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During discussion following points emerged:

1. Commercial parking should be physically separated from residential parking such that no obstruction is caused in traffic operation.

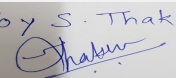
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

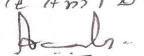
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000415

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 23
of 108

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

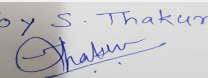
106 SEAC-3 Day 04

SEAC Meeting number: 106 Meeting Date March 10, 2020

Subject: Environment Clearance for Expansion of Building Construction Project

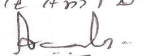
Is a Violation Case: No

1.Name of Project	"Kalpataru Estate"
2.Type of institution	Private
3.Name of Project Proponent	M/s. Kalpataru Constructions (Pune)
4.Name of Consultant	M/s. ABC Techno Labs India Pvt. Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Environment Clearance obtained dated 02/01/2007
8.Location of the project	S. No.-: 85/1A/1, 85/1B/2/1, 91/1A, 90/2/1, 86/2B/1
9.Taluka	Haveli
10.Village	Pimple Gurav
Correspondence Name:	M/s. Kalpataru Constructions (Pune)
Room Number:	603
Floor:	6th Floor
Building Name:	Mayfair Tower I
Road/Street Name:	Old Mumbai - Pune Road
Locality:	Wakadewadi, Shivajinagar
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Yes
	IOD/IOA/Concession/Plan Approval Number: B.P./Layout/ENV/P.Gurav/1/2017 dated 20/12/2017
	Approved Built-up Area: 144512.46
13.Note on the initiated work (If applicable)	Existing: Phase 1 Residential Building (1A, 1B, 2A, 2B, 3A, 3B & 3 Shops)- Completed ,Phase 2 Residential Building (4A, 4B, 4C, 4D, 5A, 5B, 5C, 6A, 6B, 6C)- Completed, Phase 3 Residential Building (7A, 7B, 7C, 9A, 9B)- Completed, Residential Building 8A, 8B, 8C (Partly completed), Existing Total Area: 1,29,653.43 m2
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	84,800.00 Sqm
16.Deductions	39,485.50 Sqm
17.Net Plot area	45,314.50 Sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 78,690.64 Sqm
	b) Non FSI area (sq. m.): 65,821.82 Sqm
	c) Total BUA area (sq. m.): 144512.46
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)	10897.78
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19%
21.Estimated cost of the project	2474345901

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

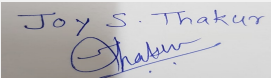
Page 24 of 108

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

22. Number of buildings & its configuration

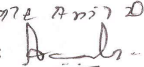
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Existing Phase I:	-	-
2	1 A	P + 7 Floors	20.30
3	1 B	P + 7 Floors	20.30
4	2 A	P + 7 Floors	20.30
5	2 B	P + 7 Floors	20.30
6	3 A	P + 7 Floors	20.30
7	3 B	P + 7 Floors	20.30
8	Shops	3 No	4.80
9	Existing Phase II:	-	-
10	4 A	P + 12 Floors	34.80
11	4 B	P + 12 Floors	34.80
12	4 C	2P + 12 Floors	34.80
13	4 D	2P + 12 Floors	34.80
14	5 A	2P + 12 Floors	34.80
15	5 B	2P + 12 Floors	34.80
16	5 C	2P + 12 Floors	34.80
17	6 A	P + 12 Floors	34.80
18	6 B	P + 12 Floors	34.80
19	6 C	P + 12 Floors	34.80
20	Existing Phase III:	-	-
21	7 A	P + 12 Floors	34.80
22	7 B	P + 12 Floors	34.80
23	7 C	P + 11 Floors	31.90
24	7 D	P + 11 Floors	31.90
25	9 A	P + 9 Floors	26.10
26	9 B	P + 12 Floors	34.80
27	Proposed Phase III:	-	-
28	8 A	P + 12 Floors	35.40
29	8 B	P + 12 Floors	35.40
30	8 C	P + 12 Floors	35.40

23. Number of tenants and shops	Existing: 897 Nos. & 3 Shops Proposed: 69 Nos. Total: 966 Tenements & 3 Shops
24. Number of expected residents / users	Existing: 4485 Nos. Proposed: 345 Nos. Commercial (Shops) : 21 Total -4851
25. Tenant density per hectare	213.24
26. Height of the building(s)	


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 25 of 108

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

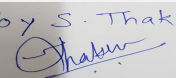
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 M wide D.P. road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Existing: Phase 1 Residential Building (1A, 1B, 2A, 2B, 3A, 3B & 3 Shops)- Completed, Phase 2 Residential Building (4A, 4B, 4C, 4D, 5A, 5B, 5C, 6A, 6B, 6C)- Completed, Phase 3 Residential Building (7A, 7B, 7C, 9A, 9B)- Completed, Residential Building 8A, 8B, 8C (Partly completed) Existing Total Area: 1,29,653.43 m ²
30.Details of the demolition with disposal (If applicable)	Not Applicable

31.Production Details

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

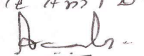
32.Total Water Requirement

Dry season:	Source of water	PCMC
	Fresh water (CMD):	449.504
	Recycled water - Flushing (CMD):	225.072
	Recycled water - Gardening (CMD):	27.271
	Swimming pool make up (Cum):	11.6
	Total Water Requirement (CMD) :	701.847
	Fire fighting - Underground water tank(CMD):	800
	Fire fighting - Overhead water tank(CMD):	380
	Excess treated water	278.036

Joy S. Thakur

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

**SEAC Meeting No: 106 Meeting Date: March
10, 2020**

**Page 26
of 108**

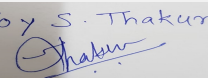
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Signature: 
**Shri. Anil Kale (Chairman
SEAC-III)**

Wet season:	Source of water	PCMC
	Fresh water (CMD):	449.504
	Recycled water - Flushing (CMD):	225.072
	Recycled water - Gardening (CMD):	Not Applicable
	Swimming pool make up (Cum):	11.6
	Total Water Requirement (CMD) :	674.576
	Fire fighting - Underground water tank(CMD):	800
	Fire fighting - Overhead water tank(CMD):	380
	Excess treated water	305.307

Details of Swimming pool (If any)	<p>Dimension of Swimming Pool: - Main Pool: 25m X 11.5m X 1.2m depth Kids Pool: 8.7m X 7.5m X 0.45m depth</p> <p>Total water Requirement: 374 Cum Water requirement for make-up: 11.6 m3/day</p> <p>Budgetary allocation (Capital cost and O & M cost) Capital Cost: Rs. 77,00,000/- O & M Cost: Rs. 1,50,000/- per annum</p>
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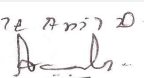
33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Water Requirement									
Fresh water requirement	418.454	31.050	449.504	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Domestic	628.001	46.575	674.576	83.691	6.21	89.901	544.310	40.365	584.675
Gardening	24.543	2.728	27.271	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

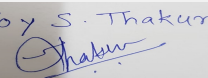
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 27 of 108

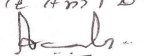
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre Monsoon: 11-18 m BGL, Post Monsoon:1.2-2.9 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:	17 No. Provided
	Size of recharge pits :	6m x 4m x 2.5m
	Budgetary allocation (Capital cost) :	Rs. 59,50,000/-
	Budgetary allocation (O & M cost) :	Rs. 1,02,000/- per annum
	Details of UGT tanks if any :	Domestic: 1099.292 KLD Flushing: 549.966 KLD Fire: 800 KLD
35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	122.50 m3/hr
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	Existing: 544.310, Proposed: 40.365, Total: 584.675 KLD
	STP technology:	Extended Aeration System
	Capacity of STP (CMD):	1 No. 750 KLD Provided
	Location & area of the STP:	As shown in layout plan
	Budgetary allocation (Capital cost):	Rs.1,25,11,000/-
	Budgetary allocation (O & M cost):	Rs. 8,00,000/- per Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	12720 CUM
	Disposal of the construction waste debris:	Use for Land Leveling
Waste generation in the operation Phase:	Dry waste:	969.15 kg/day
	Wet waste:	1451.1 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	35.08 kg/day
	Others if any:	E Waste: 2430 Kg/year

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 106 Meeting Date: March
 10, 2020**

**Page 28
 of 108**

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

Mode of Disposal of waste:	Dry waste:	Through SWACH agency
	Wet waste:	Organic Waste Converter
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Used as Manure after treatment in OWC
	Others if any:	E-waste - Handed over to authorized dealer
Area requirement:	Location(s):	Refer Master Layout
	Area for the storage of waste & other material:	190.00 m ²
	Area for machinery:	Included
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 44,50,000/-
	O & M cost:	Rs. 11,05,046/- per annum

37. Effluent Characteristics

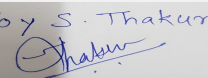
Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	BOD	Mg/l	215	10	30
2	COD	Mg/l	680	32.26	250
3	Coliforms	Cfu/ml	<2	<2	-
4	E. Coli	Cfu/ml	Absent	Absent	-
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water send to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			

38. Hazardous Waste Details

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

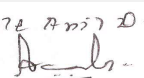
39. Stacks emission Details

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

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 29 of 108

Name: K. Anil Kale

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

1	Not applicable	Type of Fuel: HSD Existing: For 125 KVA X 1 No.: 15 Lit/hr For 200 KVA X 2 No.: 44 Lit/hr For 250 KVA X 1 No.: 30 Lit/hr Proposed: 200 KVA X 1 No.: 42.5 Lit/Hr at 100% loading	5 No.	6.23	125 mm	300 Degree Celsius
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40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	For 125 KVA X 1 No.: 15 Lit/hr For 200 KVA X 2 No.: 44 Lit/hr For 250 KVA X 1 No.: 30 Lit/hr	For 200 KVA X 1 No.: 42.5 litre/Hour @ 100% Loading	131.5 litre/Hour

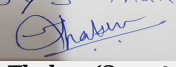
41.Source of Fuel
Nearby pump

42.Mode of Transportation of fuel to site
By Road

43.Green Belt Development	Total RG area :	5678.65 Sqm
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	626 No.
	List of proposed native trees :	As shown below
	Timeline for completion of plantation :	At the time of completion of project


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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Michelia champaka	Son Chafa	10	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.
2	Azadirachta indica	Neem	36	Medicinal value. To control soil erosion. Pest and disease control
3	Spathodea campanulata	African Tulip Tree	43	Evergreen , flowering, medicinal and timber products
4	Tabebuia rosea	Pink Trumpet tree	54	Flowering, Medicinal use
5	Alstonia scholaris	Satvin	32	Evergreen , medicinal
6	Pongamia pinnata	Karanj	4	Medicinal, controls soil erosion
7	Ficus racemosa	Umber	3	Evergreen, Medicinal, Birds attracting, slope stabilization
8	Lagerstroemia indica	Pride of India	17	Native, attracts butterflies and bees
9	Cassia fistula	Bahava	22	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 30
of 108

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

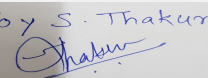
10	Mangifera indica	Mango / Amba	2	Fruit bearing, evergreen , medicinal, birds attracting
11	Moringa oleifera	Shevga / Drumstick	2	Fast growing, drought- resistant tree, medicinal properties
12	Plumeria rubra	Chafa	21	Medicinal value, Ornamental
13	Bauhinea blackena	Apta / Kanchanar	35	Every part of the plant is medicinal, Drought tolerant species.
14	Delonix regia	Gulmohar	1	Attracts bees and butterflies
15	Ficus religiosa	Pimpal	3	Religious, Evergreen, Medicinal
16	Plumeria alba	Chafa	20	Medicinal value, Ornamental
17	Bixa orenelle	Sendri	6	Industrial use, Medicinal use, Culinary use, attracts butterflies and bees
18	Peltophorum pterosperrum	Copper pod	4	Evergreen, ornamental, timber products
19	Plumeria pudica	Khair Chafa	6	Ornamental, flowering, quick growing
20	Ficus benjamina	Weeping fig	1	Evergreen, birds attracting, fast growing
21	Bauhinea purpurea	Kanchan	29	Native, quick growing, flowering, attracts birds, butterflies, bees
22	Switenia mahogani	Mahagony	38	Timber products, Evergreen, medicinal uses, quick growing, attracts bees
23	Brassia actinophylla	Umbrella tree	3	Evergreen, Shade/ indoor tree, attracts birds
24	Putranjiva roxburgii	Putranjiva	12	Evergreen, Ornamental, medicinal, attracts birds
25	Callistemon lanceolatus	Bottle brush	9	Evergreen, attracts birds and butterflies, quick growing
26	Mimusops elengii	Bakul	10	Flowering tree, Fragrant flowers, attracts birds and bees, evergreen
27	Millingtonia hortensis	Indian cork tree	46	Evergreen, bird attracting tree, fast growing
28	Leucaena leucocephala	Subabul	3	Fast growing, evergreen

45.Total quantity of plants on ground

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

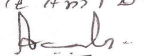
Serial Number	Name	C/C Distance	Area m2
1	Not applicable	Not applicable	Not applicable

47.Energy

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 31 of 108

Name: K. Anil Kale

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

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	45 KW
	DG set as Power back-up during construction phase	1 No X 63 KVA
	During Operation phase (Connected load):	Existing Buildings: 4838 KW, Proposed Buildings: 780.80 KW
	During Operation phase (Demand load):	Existing Buildings: 2757.8 KW, Proposed Buildings: 442.34 KW
	Transformer:	Existing Buildings: 630 KVA X 8 No. and 315 KVA X 2 No., Proposed Buildings: 630 KVA X 1 No.
	DG set as Power back-up during operation phase:	Existing Buildings: 125 KVA X 1 No., 200 KVA X 2 No. and 250 KVA X 1 No. Proposed Buildings: 200 KVA X 1 No
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:

Solar water heating system

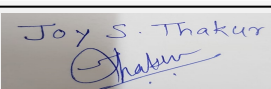
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T8 fixture with Electronic Ballast for Common Area.	39.17%
2	Energy Saving using Automatic Timer operation Against Manual operation for External & Common Area Lighting	33.33%
3	Energy Saving using Energy efficient LED fixtures Against Conventional CFL/T5 fixture with Electronic Ballast for Flat internal point.	48.72%
4	Energy Saving using Solar Water Heater Against Electrical water Heater	74.29%
5	Energy saving using Low Loss Transformer Against Conventional Transformer	5%

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution by DG sets	Acoustic enclosure for DG set	Acoustic enclosure for DG set
Sewage Water	STP Provided	STP Provided

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 18,50,000/-
	O & M cost:	Rs. 1,90,000/- per Annum


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 32 of 108
Name: K. Anil Kale
Signature: Anil Kale
Shri. Anil Kale (Chairman SEAC-III)

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 Separation	1.08
2	Air Environment	Air & Noise monitoring	0.2
3	Water Environment	Tanker water for construction	6.50
4	Water Environment	Water monitoring	0.5
5	Land Environment	Site Sanitation & safety	2.5
6	Socio Economic Environment	Disinfection-Pest Control	0.9
7	Socio Economic Environment	Health Check up	0.8

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	Waste Water Treatment	125.11	8.0
2	Rain Water Harvesting	17 No of recharging pits	59.50	1.02
3	Laying of storm water & Sewer line up to final disposal point	NA	106.95	0.25
4	Organic Waste Composting	Biodegradable solid waste treatment	44.50	11.05
5	Gardening	Landscape Development	231.20	23.12
6	Electrical	Energy Saving measures	18.5	1.90
7	Environmental Monitoring	Ambient Air Quality, Noise Level, Exhaust	-	1.5

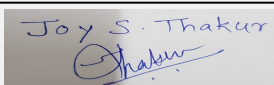
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

52.Any Other Information

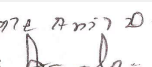
No Information Available

53.Traffic Management


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

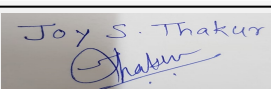
Page 33 of 108

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

	Nos. of the junction to the main road & design of confluence:	Traffic generated From this project is confluent on existing 45 m & 18 m wide DP Road & 12 m wide internal road
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	18890.48 sqm
	Area per car:	30 sqm including drive way
	Area per car:	30 sqm including drive way
	Number of 2-Wheelers as approved by competent authority:	Existing - 1818 No, Proposed - 138 No
	Number of 4-Wheelers as approved by competent authority:	Existing - 587 No, Proposed - 69 No
	Public Transport:	Nearest Bus Stop- Pimple Gurav
	Width of all Internal roads (m):	12m
	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	Not Applicable
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

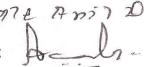
TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
Is a Violation Case:	"No"	"Yes"
4.Name of Consultant	M/s. ABC Techno Labs India Pvt. Ltd.	ULTRA TECH NABET Certificate No.: NABET/EIA/1720/ RA 0094, Valid till 10/03/2020

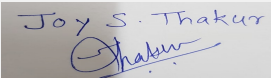

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 34 of 108

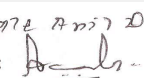
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Environment Clearance obtained dated 02/01/2007	Yes. Environment Clearance was obtained vide letter no. 21-500/2006-IA.III dated 02/01/2007
Correspondence Name:	M/s. Kalpataru Constructions (Pune)	M/s. Kalpataru Constructions (Pune) and project proponent Mr. Jayant Oswal
13.Note on the initiated work (If applicable)	Existing: Phase 1 Residential Building (1A, 1B, 2A, 2B, 3A, 3B & 3 Shops)- Completed ,Phase 2 Residential Building (4A, 4B, 4C, 4D, 5A, 5B, 5C, 6A, 6B, 6C)- Completed, Phase 3 Residential Building (7A, 7B, 7C, 9A, 9B)- Completed, Residential Building 8A, 8B, 8C (Partly completed), Existing Total Area: 1,29,653.43 m2	Existing: Phase 1 Residential Building (1A, 1B, 2A, 2B, 3A, 3B & 3 Shops)- Completed ,Phase 2 Residential Building (4A, 4B, 4C, 4D, 5A, 5B, 5C, 6A, 6B, 6C)- Completed, Phase 3 Residential Building (7A, 7B, 7C, 9A, 9B) - Completed, Residential Building 8A, 8B, 8C (Partly completed), Existing Total Area: 1,32,029.68 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 78,690.64 Sqm	FSI area (sq. m.): 76448.93
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Non FSI area (sq. m.): 65,821.82	Non FSI area (sq. m.): 65821.82
18 (a).Proposed Built-up Area (FSI & Non-FSI)	Total BUA area (sq. m.): 144512.46	Total BUA area (sq. m.): 142270.75
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): -	Approved FSI area (sq. m.): 78,690.64
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): -	Approved Non FSI area (sq. m.): 65,821.82
18 (b).Approved Built up area as per DCR	Date of Approval: -	Date of Approval: 20.12.2017
19.Total ground coverage (m2)	10897.78	10578.60
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19%	18.5%
21.Estimated cost of the project	2474345901	Rs. 184,70,85,777.79
29.Existing structure (s) if any	Existing: Phase 1 Residential Building (1A, 1B, 2A, 2B, 3A, 3B & 3 Shops)- Completed ,Phase 2 Residential Building (4A, 4B, 4C, 4D, 5A, 5B, 5C, 6A, 6B, 6C)- Completed, Phase 3 Residential Building (7A, 7B, 7C, 9A, 9B)- Completed, Residential Building 8A, 8B, 8C (Partly completed), Existing Total Area: 1,29,653.43 m2	Existing: Phase 1 Residential Building (1A, 1B, 2A, 2B, 3A, 3B & 3 Shops)- Completed ,Phase 2 Residential Building (4A, 4B, 4C, 4D, 5A, 5B, 5C, 6A, 6B, 6C)- Completed, Phase 3 Residential Building (7A, 7B, 7C, 9A, 9B)- Completed, Residential Building 8A, 8B, 8C (Partly completed), Existing Total Area: 1,32,029.68 m2
36. Sewage and Waste water	Budgetary allocation (Capital cost): Rs.1,25,11,000/-	Budgetary allocation (Capital cost): Rs. 13,28,000/-
37. Solid waste Management	Waste generation in the Pre-Construction and Construction phase: Waste generation: 12720 CUM	Waste generation in the Pre-Construction and Construction phase - Waste generation: 56,285 CUM
45. Number and list of trees species to be planted in the ground	-	Name of the plant: Wodyetia bifurcata, Quantity - 91 Nos.
45. Number and list of trees species to be planted in the ground	-	Name of the plant: Areca catechu, Quantity - 48 Nos.
45. Number and list of trees species to be planted in the ground	-	Name of the plant: Roystonea reginae, Quantity - 15 Nos.


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 35 of 108

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

52. Environmental Management plan Budgetary Allocation	b) Operation Phase (with Break-up): 1. Sewage Treatment Plant : Capital cost Rs. In Lacs - 125.11	b) Operation Phase (with Break-up): 1. Sewage Treatment Plant : Capital cost Rs. In Lacs - 13.28
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS		
Summarised in brief information of Project as below.		
Brief information of the project by SEAC		

SEAC-AGENDA-0000000415

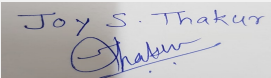
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 36 of 108	Name: K ०१६ ७५११ २० Signature:  Shri. Anil Kale (Chairman SEAC-III)
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PP had submitted application for prior Environmental clearance for total plot area of 84,800.00 m², FSI area of 78,690.64 m², Non FSI area of 65,821.82m² and total BUA of 144512.46 m².

The building configuration of the proposal is as below:

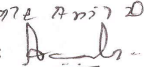
Sr no	Building Name	Configuration	Height in m
1	Existing Phase I: - -		
2	1A	P + 7 Floors	20.30
3	1B	P + 7 Floors	20.30
4	2A	P + 7 Floors	20.30
5	2B	P + 7 Floors	20.30
6	3A	P + 7 Floors	20.30
7	3B	P + 7 Floors	20.30
8	Shops	3 Nos.	4.80
9	Existing Phase II:		
10	4A	P + 12 Floors	34.80
11	4B	P + 12 Floors	34.80
12	4C	2P + 12 Floors	34.80
13	4D	2P + 12 Floors	34.80
14	5A	2P + 12 Floors	34.80
15	5B	2P + 12 Floors	34.80
16	5C	2P + 12 Floors	34.80
17	6A	P + 12 Floors	34.80
18	6B	P + 12 Floors	34.80
19	6C	P + 12 Floors	34.80
20	Existing Phase III:		
21	7A	P + 12 Floors	34.80
22	7B	P + 12 Floors	34.80
23	7C	P + 11 Floors	31.90
24	7D	P + 11 Floors	31.90
25	9A	P + 9 Floors	26.10
26	9B	P + 12 Floors	34.80
27	Proposed Phase III:		
28	8A	P + 12 Floors	35.40
29	8B	P + 12 Floors	35.40
30	8C	P + 12 Floors	35.40

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.


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 37 of 108

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

DECISION OF SEAC

During discussion following points emerged:

1. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.47 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 0.48 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.47 Cr for the project completion period.
2. PP to submit notarized indemnity bond indemnifying Environment Department, GoM and SEAC-3 from any legal consequences.
3. PP to obtain and submit following NOC's: (a) CFO NOC, (b) Water supply.

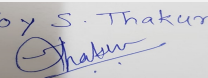
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 1.47 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 0.48 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 1.47 Cr for the project completion period.

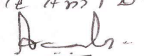
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 38
of 108

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

106 SEAC-3 Day 04**SEAC Meeting number: 106 Meeting Date March 10, 2020****Subject:** Environment Clearance for Proposed affordable housing development under PMAY at S.No.206/1A,reservation no.196, ,Kedagaon, Ahmednagar by Ahmednagar municipal corporation**Is a Violation Case:** No

1.Name of Project	Proposed affordable housing development under PMAY at S.No.206/1A,reservation no.196, ,Kedagaon, Ahmednagar by Ahmednagar municipal corporation
2.Type of institution	Semi Government
3.Name of Project Proponent	Ahmednagar municipal corporation
4.Name of Consultant	Ms. Sayali Jagtap (J M Environet Pvt Ltd)
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	No
8.Location of the project	S.No.206/1A, Reservation no.196, Kedagaon, Ahmednagar
9.Taluka	Kedgaon
10.Village	Kedgaon
Correspondence Name:	Mr. Suresh Ithape
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	S.No.206/1A, Reservation no.196, Kedagaon, Ahmednagar
Locality:	S.No.206/1A, Reservation no.196, Kedagaon, Ahmednagar
City:	Ahmednagar
11.Whether in Corporation / Municipal / other area	Ahmednagar municipal corporation
12.IOD/IOA/Concession/Plan Approval Number	Received IOD/IOA/Concession/Plan Approval Number: Approved received on dated 17.01.2019 Approved Built-up Area: 20053.02
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	25700.0 Sq. m
16.Deductions	3367.79 Sq. m
17.Net Plot area	22332.21 Sq. m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 20053.02 sq. m b) Non FSI area (sq. m.): 9037.52 sq. m c) Total BUA area (sq. m.): 29090.54
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 20053.02 sq. m Approved Non FSI area (sq. m.): 9037.52 sq. m Date of Approval: 17-01-2019
19.Total ground coverage (m2)	7857.00
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35.18%
21.Estimated cost of the project	397049796

22.Number of buildings & its configuration

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 39 of 108	Name: K 072 Anil D Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A to Z (1-26)	Ground +3 floors	11.75 m

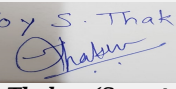
23.Number of tenants and shops	Residential : 624 flats
24.Number of expected residents / users	Residential population-3120 persons
25.Tenant density per hectare	279.4 / ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Road width 18.0m road and nearest fire station is Fire brigade Renuka nagar at 3.1 km from project.
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	7.5 mm
29.Existing structure (s) if any	No
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

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

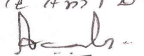
32.Total Water Requirement

Dry season:	Source of water	Ahmednagar municipal corporation
	Fresh water (CMD):	281.80
	Recycled water - Flushing (CMD):	140.40
	Recycled water - Gardening (CMD):	14
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	436.20
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	186.67

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 40 of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Wet season:	Source of water	Ahmednagar municipal corporation
	Fresh water (CMD):	281.80
	Recycled water - Flushing (CMD):	140.40
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	421.20
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	200.77

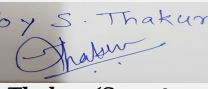
Details of Swimming pool (If any) NA

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

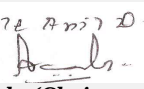
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Post monsoon 4.10 meter Pre monsoon 21.50 meter
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	06 no's
	Size of recharge pits :	Pit 2 x 2x 2meter Bore well 0.180 meter diameter and 60 meter depth, silting chamber 1x1x1
	Budgetary allocation (Capital cost) :	Rs. 4,31,000 /-
	Budgetary allocation (O & M cost) :	Rs. 30,000 /-
	Details of UGT tanks if any :	Domestic UG tank Capacity (cum) : 421 KLD Flushing tank Capacity(cum) : 140 KLD

35.Storm water drainage	Natural water drainage pattern:	As per contour
	Quantity of storm water:	710 m3/hr
	Size of SWD:	250mm dia Pipe

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 41 of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

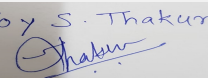
Sewage and Waste water	Sewage generation in KLD:	358.02 KLD
	STP technology:	Integrated Wetland Technology (IWT), IP of IIT Bombay
	Capacity of STP (CMD):	360 KLD
	Location & area of the STP:	Ground level and open to Sky
	Budgetary allocation (Capital cost):	Rs. 1,12,00,000/-
	Budgetary allocation (O & M cost):	Rs. 3,28,000 /-

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	30 kg/day
	Disposal of the construction waste debris:	Will be reused within site & remaining will be sold to respective authorized recyclers
Waste generation in the operation Phase:	Dry waste:	624 Kg/day
	Wet waste:	936 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	32.22 kg/day
	Others if any:	E -Waste : 1.7 kg/day
Mode of Disposal of waste:	Dry waste:	To Municipal Corporation
	Wet waste:	Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as a manure
	Others if any:	E waste - Send to authorized recycler
Area requirement:	Location(s):	On Ground
	Area for the storage of waste & other material:	18.18 Sq. Meter
	Area for machinery:	43.83 Sq. Meter
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 20,02,000 /-
	O & M cost:	Rs. 5,24,000 /-

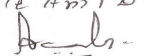
37.Effluent Charecterestics

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

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 42 of 108

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

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

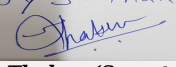
41.Source of Fuel Not applicable

42.Mode of Transportation of fuel to site Not applicable

43.Green Belt Development	Total RG area :	Required RG area : 2350.75 sq. m Garden reservation : 576.87 sq. m
	No of trees to be cut :	0
	Number of trees to be planted :	294
	List of proposed native trees :	Provided below
	Timeline for completion of plantation :	Up to completion of project


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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Cassia fistula	Bahawa	25	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
2	Mumusops Elengi	Bakul	15	Shady tree, small white fragrant flowers
3	Lagerstromia Indica	Tahman	10	State flower tree of Maharashtra Medium sized tree, beautiful purple flowers
4	Michellia Champaca	Sonchafa	15	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 43 of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

5	Murraya Paniculata	Kunti	30	Small tree, Fragrant white flowers, Butterfly host plant
6	Gmelina Arborea	Shivan	25	Fast growing tree with beautiful yellow flowers
7	Saraca indica	Sita Ashoka	20	Shady tree with red-yellow flowers.
8	Emblica officinalis	Awala	23	Medium sized evergreen tree, Shady tree.
9	Psidium guayava	Guava	21	Fruit bearing
10	Annona squamosa	Sitaphal	26	Fruit bearing
11	Butea monosperma	Palas	236	Medium sized evergreen tree
12	Pongamia ponnata	karanj	28	Medium sized evergreen tree
13	Achras sapota	Chikoo	10	Fruit bearing
14	Mangifera indica	Mango	10	Fruit bearing
15	Peltophorum pterocarpum	Copper cod	10	Medium sized evergreen tree

45.Total quantity of plants on ground

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

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

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	50 KW
	DG set as Power back-up during construction phase	62.5 KVA
	During Operation phase (Connected load):	7966 KVA
	During Operation phase (Demand load):	1562 KVA
	Transformer:	3 x 630 KVA
	DG set as Power back-up during operation phase:	2 x 62.5 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

1. LED light fixtures
2. Solar street lighting

49.Detail calculations & % of saving:

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 44 of 108	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Serial Number	Energy Conservation Measures	Saving %
1	LED fixtures for all common area, Staircase & Utility rooms & Solar street lighting	50 %

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. 4,10,00,000 /-
	O & M cost:	Rs. 18,00,000 /-

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

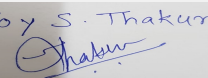
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air	Erosion control - dust suppression measures and barricading	Rs. 1,06,000 /-
2	Land	Site Sanitation	Rs. 26,500 /-
3	Healthy & Safety	Site Safety	Rs.88,000 /-
4	Environment Management	Environmental Monitoring	Rs. 1,20,000/-
5	Healthy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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	1 STP	Rs. 1,12,00,000 /-	Rs. 3,28,000 /-
2	Rain Water Harvesting	06 pits	Rs. 4,31,000 /-	Rs. 30,000 /-
3	Solid Waste Management	1 OWC	Rs. 20,02,000 /-	Rs. 5,24,000 /-
4	Green Belt Development	294 trees	Rs. 13,00,262/-	Rs. 65,000/-
5	Energy details	LED fixtures & Solar street lights	Rs. 4,10,00,000 /-	Rs. 18,00,000 /-
6	Environmental Monitoring	EMP costing	MoEFCC approved laboratory	Rs. 8,90,000 /-

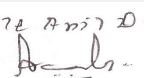
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 45 of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

52.Any Other Information

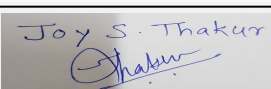
No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	The project has access from 9.0 m wide road from sanctioned layout.
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	5653.60 sq. m
	Area per car:	12.5 sq. m as per DCR
	Area per car:	12.5 sq. m as per DCR
	Number of 2-Wheelers as approved by competent authority:	Scooters -819 ,cycles -819
	Number of 4-Wheelers as approved by competent authority:	164
	Public Transport:	Ahmednagar City buses
	Width of all Internal roads (m):	9.0 m & 4.5 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

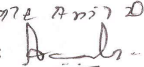
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 46 of 108

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

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

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 25700 m², FSI area of 20053.02 m², Non FSI area of 9037.52 m² and total BUA of 29090 m².

The building configuration of the proposal is as below:

Building A to Z (Height 11.75 m): G+3

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

DECISION OF SEAC

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 47 of 108	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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PP has satisfactorily complied with the points raised in 99th meeting of SEAC-3.

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

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

SEAC-AGENDA-00000000415

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 48 of 108	Name: K 072 Anil D. Signature:  Shri. Anil Kale (Chairman SEAC-III)
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106 SEAC-3 Day 04**SEAC Meeting number: 106 Meeting Date March 10, 2020****Subject:** Environment Clearance for Proposed project "Siyona" at Sr. no. 47(P),48(P) & 50(P), Punawale, by M/s Pethkar Projects**Is a Violation Case:** No

1.Name of Project	Environment Clearance for Proposed project "Siyona" at Sr. no. 47(P),48(P) & 50(P) Punawale, by M/s Pethkar Projects
2.Type of institution	Private
3.Name of Project Proponent	Mr. Jitendra Pethkar
4.Name of Consultant	VK:e Environmental LLP , Pune
5.Type of project	Residential & commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes. Vide EC letter no. SEAC-2012/CR-71/TC-II
8.Location of the project	At - Sr. no. 47(P),48(P) & 50(P), Punawale, Pune
9.Taluka	Mulshi
10.Village	Punawale
Correspondence Name:	Mr. Siddharth Jawade
Room Number:	-
Floor:	S. No. 117/118, Plot no. 21/B
Building Name:	Madhav Baug Co-operative Housing Society. Shivtirth nagar
Road/Street Name:	Paud road
Locality:	Kothrud
City:	Pune
11.Whether in Corporation / Municipal / other area	PCMC
12.IOD/IOA/Concession/Plan Approval Number	In process IOD/IOA/Concession/Plan Approval Number: B.P./ENV/Punawale/10/2019 Approved Built-up Area: 114373
13.Note on the initiated work (If applicable)	Yes as per earlier EC Construction work initiated on site. Construction of buildings A to C has been completed on site
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	34957.76 m ²
16.Deductions	921.17 m ²
17.Net Plot area	25998.46
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 53947.74 b) Non FSI area (sq. m.): 60426.25 c) Total BUA area (sq. m.): 114373
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 53947.74 Approved Non FSI area (sq. m.): 60426.25 Date of Approval: 15-07-2019
19.Total ground coverage (m2)	4940.56
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	19 % on net plot area
21.Estimated cost of the project	2490487233.00

22.Number of buildings & its configuration

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 49 of 108	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Building A1	B+GP+14	44.50
2	Building A2	B+GP+14	44.50
3	Building B1	B+GP+14	44.50
4	Building B2	B+GP+14	44.50
5	Building C1	B+GP+14	44.50
6	Building C2	B+GP+14	44.50
7	Building D	B+GP+22	69.90
8	Building E	B+GP+22	69.90
9	Commercial Building	G+2	12.0
10	Club House 1 & 2	G+1	9.7

23.Number of tenants and shops	Residential- 664 flats Commercial- 18 no of Shops, 12 no of Offices
24.Number of expected residents / users	Residential- 3400 no. Commercial- 228 no. Total - 3628 nos
25.Tenant density per hectare	316 Tenement /Ha
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	Width of road from nearest fire station is 60. m wide road. Nearest fire station- Pradhikaran fire station-4.2 Km
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	For easy access of fire tender 9m turning radius will be provided.
29.Existing structure (s) if any	Yes as per earlier EC Construction work initiated on site. Construction of buildings A to C has been completed on site
30.Details of the demolition with disposal (If applicable)	NA

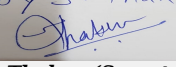
31.Production Details

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

32.Total Water Requirement


 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 50 of 108	Name: K ०१६ Anil D. Signature: Anil Kale Shri. Anil Kale (Chairman SEAC-III)
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Dry season:	Source of water	PCMC							
	Fresh water (CMD):	309							
	Recycled water - Flushing (CMD):	163							
	Recycled water - Gardening (CMD):	47							
	Swimming pool make up (Cum):	8							
	Total Water Requirement (CMD) :	527							
	Fire fighting - Underground water tank(CMD):	400 & 450 cmd							
	Fire fighting - Overhead water tank(CMD):	20 per building							
	Excess treated water	172							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	309							
	Recycled water - Flushing (CMD):	163							
	Recycled water - Gardening (CMD):	00							
	Swimming pool make up (Cum):	4							
	Total Water Requirement (CMD) :	476							
	Fire fighting - Underground water tank(CMD):	400 & 450 cmd							
	Fire fighting - Overhead water tank(CMD):	20 per building							
	Excess treated water	219							
Details of Swimming pool (If any)	Swimming pool size- 60'0" X 26'6" Make up water- 8 kld in dry season, 4 kld in wet season Capital cost- Rs.50,00,000/- O & M cost- Rs.2,40,000/-								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

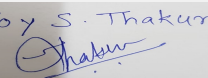
Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 51
of 108

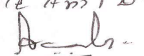
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Average 10 m bgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	8
	Size of recharge pits :	1.2 m x 1.2 m x 3m with dia of 160 mm and 60 m depth
	Budgetary allocation (Capital cost) :	Rs. 12,00,000.00 /-
	Budgetary allocation (O & M cost) :	Rs. 45,000.00 /-
	Details of UGT tanks if any :	Drinking = 76.60 KLD Domestic = 289.825 KLD Raw= 96.65 KLD Fire fighting water storage =450 KLD & 400 KLD
35.Storm water drainage	Natural water drainage pattern:	The storm water drainage will be designed according to contours
	Quantity of storm water:	1520 Cum
	Size of SWD:	600 mm
Sewage and Waste water	Sewage generation in KLD:	424
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 no. of STP - 425 KLD Capacity
	Location & area of the STP:	On ground, Total Area is 267 Sq.mt.
	Budgetary allocation (Capital cost):	Rs.1,55,00,000.00 /-
	Budgetary allocation (O & M cost):	Rs. 21,50,500.00 /-
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	40 kg/day (Wet waste 24 kg/day +Dry waste- 16 kg/day)
	Disposal of the construction waste debris:	The maximum construction waste will be used within the site for leveling purpose and base course preparation of internal approach roads
Waste generation in the operation Phase:	Dry waste:	714 kg/day
	Wet waste:	1043 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	42 kg/ day
	Others if any:	E-waste- 1928 kg/year

Joy S. Thakur

 Joy S.Thakur (Secretary
 SEAC-III)

**SEAC Meeting No: 106 Meeting Date: March
 10, 2020**

**Page 52
 of 108**

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

Mode of Disposal of waste:	Dry waste:	Handed over to authorized vendor for further handling & disposal purpose
	Wet waste:	Wet waste will be treated in onsite organic waste converter machine
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	Handed over to authorized recyclers for further handling & disposal purpose
Area requirement:	Location(s):	On ground
	Area for the storage of waste & other material:	Included in Total area
	Area for machinery:	Total area-90 sqm.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 29,75,000.00 /-
	O & M cost:	Rs. 6,31,598.00 /-

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

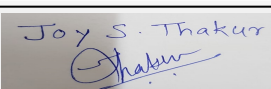
39. Stacks emission Details

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

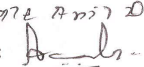
Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41. Source of Fuel	Not applicable
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Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 53 of 108

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

42.Mode of Transportation of fuel to site	Not applicable
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43.Green Belt Development	Total RG area :	3,403.66 sq. mt.
	No of trees to be cut :	00
	Number of trees to be planted :	425
	List of proposed native trees :	Refer Below list
	Timeline for completion of plantation :	Till operation phase

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Aegle marmelos	Bel	17	Medicinal value, Drought tolerant species.
2	Ailanthus excelsa	Maharukh	17	Medicinal value, Drought tolerant species
3	Albizia lebbeck	Shirish	17	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species
4	Anthocephalus cadamba	Kadamb	17	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits
5	Azadirachta indica	Neem	17	Medicinal value, Shade giving tree, Insect repellent
6	Bauhinia blakeana	Kanchan raj	17	Every part of the plant is medicinal, Drought tolerant species.
7	Bauhinia purpurea	Gulabi kanchan	17	Every part of the plant is medicinal ,Drought tolerant species
8	Bauhinia racemosa	Apta	17	Every part of the plant is medicinal, Drought tolerant species
9	Butea monosperma	Palas	17	Medicinal value, Bird attracting species, To control soil erosion.
10	Cassia fistula	Bahava	17	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
11	Cochlospermum religiosum	Sonsawar	17	Medicinal value, Native species
12	Cordia dichotoma	Bhokar	17	Fruit plant, Medicinal value
13	Dalbergia sissoo	Shisav	17	Medicinal value, Attracts birds/bees
14	Elaeocarpus sphaericus	Rudraksh	17	Medicinal value, Native species
15	Ficus glomerata	Umber	17	Medicinal value, Edible fruits, Bird attracting species

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 54 of 108	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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16	Ficus retusa	Nandruk	17	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.
17	Gmelina arborea	Shivan	17	Medicinal value, Drought tolerant species, Bird attracting species
18	Lagerstromia reginea	Tamhan	17	Flowering tree, Bird attracting species, To control soil erosion
19	Mangifera indica	Mango	17	Fruit plant, Shade giving tree, Attracts birds/bees/butterflies
20	Michelia champaca	Sonchafa	17	Ornamental, Flowering plant, Attracts birds/bees/butterflies
21	Mimusops elengii	Bakul	17	Fragrant flowers, Medicinal value, To control soil erosion
22	Pongamia pinnata	Karanj	17	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
23	Saraca indica	Sita-ashok	17	Medicinal value, Religious plant.
24	Schleichera oleosa	Kusumb	17	Native species, Fragrant flowers.
25	Syzygium cumini	Jamun	17	Fruit plant, Shade giving tree, Attracts birds/bees/butterflies
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)	45 KW
	DG set as Power back-up during construction phase	1 nos. 62.5 KVA
	During Operation phase (Connected load):	4407 KW
	During Operation phase (Demand load):	2083 KW
	Transformer:	4 nos. 630 KVA
	DG set as Power back-up during operation phase:	1 nos 180 KVA & 1 nos125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 55 of 108	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Use of LED in Parking area, lift-lobby and stair-case, Using Solar system in Common Area Lighting (10%). & Street/Landscape lights with LED lamps.
V3F drive is proposed for all lifts. As per MSEDCL requirements, it is recommended to use low loss Transformer. Losses for Transformer shall, in principal, comply with ECBC norms. Recommend to attain power factor of the installation near unity.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saving by using energy saving measures	20 %

50. Details of pollution control Systems

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

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

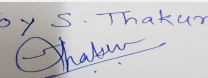
51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Erosion control - dust suppression measures, barricading and top soil preservation	37.48
2	Land	Labour Camp toilets & sanitation	9.60
3	Health and Safety	Personal Protective Equipment	8.00
4	Health and Safety	Health checkup & Disinfection	1.26
5	Environment Management	Environment management cell	1.75
6	Environmental Monitoring	Environmental Monitoring	1.82

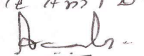
b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Sewage Treatment Plant	STP -MBBR Technology	155.00	21.50
2	Solid Waste Management	OWC	29.75	6.31
3	Landscaping	Development and Maintenance	111.60	17.85
4	Rain Water Harvesting	Recharge Pits	12.00	0.45
5	Energy Saving	Energy saving measures	148.2	3.5
6	Swimming Pool	Swimming Pool	50.00	2.40
7	Environmental Monitoring	00	00	1.82

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 56 of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

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

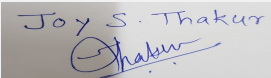
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

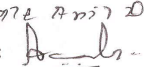
53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Proposed site is located at Punawale. The road network within the site has been designed to cater to the traffic loads of the project
Parking details:	Number and area of basement:	12617.75 sq. mt.
	Number and area of podia:	1783.18 sq. mt.
	Total Parking area:	25591.23 sqm.
	Area per car:	12.5 sq. mt.
	Area per car:	12.5 sq. mt.
	Number of 2-Wheelers as approved by competent authority:	1496
	Number of 4-Wheelers as approved by competent authority:	374
	Public Transport:	NA
	Width of all Internal roads (m):	6 m. wide internal road and 9 m. turning radius will be provided
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a) Building & Construction Project
	Court cases pending if any	NA
	Other Relevant Informations	No any


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 57 of 108

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

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

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 34957.76 m², FSI area of 53947.74 m², Non FSI area of 60426.25m² and total BUA of 114373 m².

The building configuration of the proposal is as below:

Sr no	Building Name	Configuration	Height in m
1	Building A1	B+GP+14	44.50
2	Building A2	B+GP+14	44.50
3	Building B1	B+GP+14	44.50
4	Building B2	B+GP+14	44.50
5	Building C1	B+GP+14	44.50
6	BuildingC2	B+GP+14	44.50
7	Building D	B+GP+22	69.90
8	Building E	B+GP+22	69.90
9	Commercial Building	G+2	12.00
10	Club House 1 & 2	G+2	7.00

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 apprised as category 8(a)P2.

DECISION OF SEAC

PP has satisfactorily complied with the points raised in 95th meeting of SEAC-3.

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


Specific Conditions by SEAC:

 Joy S.Thakur (Secretary SEAC-III)	<p style="text-align: center;">SEAC Meeting No: 106 Meeting Date: March 10, 2020</p>	<p style="text-align: right;">Name: <i>Kale Anil D.</i> Signature: <i>Anil Kale</i> Shri. Anil Kale (Chairman SEAC-III)</p> <p style="text-align: center;">Page 59 of 108</p>
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FINAL RECOMMENDATION

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


SEAC-AGENDA-00000000415

Joy S. Thakur


Joy S. Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 106 Meeting Date: March
10, 2020**

**Page 60
of 108**

Name: K 072 Anil D.
Signature: 

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

106 SEAC-3 Day 04

SEAC Meeting number: 106 Meeting Date March 10, 2020

Subject: Environment Clearance for Proposed Commercial Building - IT Park at S. No. 94(P) + 95(P) + 96(P)+97, Mohan Nagar CHS, Baner, Pune by Pact Real Estate Pvt. Ltd.

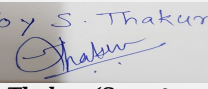
Is a Violation Case: No

1.Name of Project	Commercial project - IT Park
2.Type of institution	Private
3.Name of Project Proponent	Pact Real Estate Pvt. Ltd.
4.Name of Consultant	Sneha Hi tech Products
5.Type of project	Commercial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	S. No. 94(P) + 95(P) + 96(P)+97, Mohan Nagar CHS, Baner, Pune
9.Taluka	Haveli
10.Village	Baner
Correspondence Name:	Pact Real Estate Pvt. Ltd.
Room Number:	Plot No. C-30, Block-G
Floor:	-
Building Name:	Raheja Tower
Road/Street Name:	Next to Bank of Baroda
Locality:	Bandra Kurla Complex, Bandra (E)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Pune Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Commencement Certificate No. CC/2445/19 Dated 13 Jan 2020
	IOD/IOA/Concession/Plan Approval Number: Commencement Certificate No. CC/2445/19 Dated 13 Jan 2020
	Approved Built-up Area: 303091.28
13.Note on the initiated work (If applicable)	Nil
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	-
15.Total Plot Area (sq. m.)	27684.50 sq.m
16.Deductions	Nil
17.Net Plot area	27684.50 sq.m
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 1,69,982.29 Sq.m.
	b) Non FSI area (sq. m.): 1,84,204.60 Sq.m.
	c) Total BUA area (sq. m.): 354186.89
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 1,22,228.29 sq m
	Approved Non FSI area (sq. m.): 1,80,862.99 sq m
	Date of Approval: 13-01-2020
19.Total ground coverage (m2)	18364.46
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	66%
21.Estimated cost of the project	11000000000

22.Number of buildings & its configuration


 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 61 of 108	Name: K ०१६ Anil D. Signature: Anil Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Bldg. 1	B2 + B1 + LG + UG + P1+ P2 + P3 + P4 + Podium + 16 office floors	88.20	
2	Bldg. 2	B2 + B1 + LG + UG + P1+ P2 + P3 + P4 + Podium + 16 office floors	88.20	
3	-	-	-	
23.Number of tenants and shops		Office area- 1,69,982,29 Sq.m.		
24.Number of expected residents / users		Total Population (Including Floating)= 34,405nos.		
25.Tenant density per hectare		NA		
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))		24.0 m w D.P. 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				

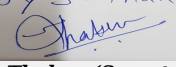
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 62 of 108


Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Dry season:	Source of water	PMC/recycled water							
	Fresh water (CMD):	741 m3/day							
	Recycled water - Flushing (CMD):	558 m3/day							
	Recycled water - Gardening (CMD):	34 m3/day							
	Swimming pool make up (Cum):	N/A							
	Total Water Requirement (CMD) :	1803 m3/day (including HVAC)							
	Fire fighting - Underground water tank(CMD):	550 KL each bldg.							
	Fire fighting - Overhead water tank(CMD):	Bldg. 1 - 80 KL Bldg. 2 - 40 KL							
	Excess treated water	0 m3/day							
Wet season:	Source of water	PMC/recycled water							
	Fresh water (CMD):	741 m3/day							
	Recycled water - Flushing (CMD):	558 m3/day							
	Recycled water - Gardening (CMD):	0 m3/day							
	Swimming pool make up (Cum):	N/A							
	Total Water Requirement (CMD) :	1639 m3/day (including HVAC)							
	Fire fighting - Underground water tank(CMD):	550 KL each bldg.							
	Fire fighting - Overhead water tank(CMD):	Bldg. 1 - 80 KL Bldg. 2 - 40 KL							
	Excess treated water	137 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

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 63 of 108

Name: **Kale Anil D.**

Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	11.0 m below Ground Level
	Size and no of RWH tank(s) and Quantity:	170 cum & 180 cum
	Location of the RWH tank(s):	Below ground floor
	Quantity of recharge pits:	10 nos.
	Size of recharge pits :	3.5M DIA X 3.5M (WD)
	Budgetary allocation (Capital cost) :	Rs. 73 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 8 Lakhs/yr
Details of UGT tanks if any :	<p>Bldg. 1 Fire Tank: 530 KL Domestic Water Tank:2 x 260 KL Total Storage for Flushing cum Irrigation Water Tank in STP: 828 KL</p> <p>Bldg. 2 Fire Tank: 550 KL Domestic Water Tank:238 KL Total Storage for Flushing cum Irrigation Water Tank in STP: 356 KL</p>	
35.Storm water drainage		
35.Storm water drainage	Natural water drainage pattern:	Geo-Hydrological Investigations Report submitted.
	Quantity of storm water:	1147 Cub.M/Hr for a rainfall intensity of 45 mm/Hr
	Size of SWD:	800 mm wide Drain with 450 mm depth and slope of 1:600
Sewage and Waste water		
Sewage and Waste water	Sewage generation in KLD:	1151 m3/day
	STP technology:	MBBR/ FAB + UF
	Capacity of STP (CMD):	Bldg. 1 - 825 m3/day and Bldg. 2 - 350 m3/day,
	Location & area of the STP:	Ground level, Area: 1223 Sq M
	Budgetary allocation (Capital cost):	Rs. 175 Lakh
	Budgetary allocation (O & M cost):	Rs. 25 Lakhs/yr
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction waste will be generated from the building, mainly comprising of waste concrete, excavated soil, broken bricks, waste plaster, metallic scrap etc. Debris chute will be used to channelize the waste from the building to the point of pick up on ground.
	Disposal of the construction waste debris:	Construction debris will be used for base preparation of road and for site leveling
Waste generation in the operation Phase:	Dry waste:	4129 kg/day
	Wet waste:	2752 Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	N.A
	STP Sludge (Dry sludge):	412 Kg
	Others if any:	E waste: 206 Kg/day

Mode of Disposal of waste:	Dry waste:	Dry garbage will be segregated & disposed off to recyclers
	Wet waste:	Wet garbage will be composted using Mechanical Composting Technology and used as organic manure for landscaping/selling.
	Hazardous waste:	-
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Sludge use as manure for gardening/selling.
	Others if any:	Floor office Occupant to tie up with their individual E-waste vendor. But as developer and operator of the IT park, according to MPCB registered E-waste Vendor to be appointed.
Area requirement:	Location(s):	Ground floor
	Area for the storage of waste & other material:	44.0 sq.m
	Area for machinery:	30.0 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 100 Lakhs
	O & M cost:	Rs. 30 Lakhs/yr

37. Effluent Characteristics

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

38. Hazardous Waste Details

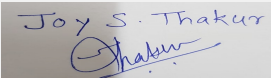
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

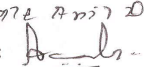
40. Details of Fuel to be used

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


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 65 of 108

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

41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		
43.Green Belt Development	Total RG area :	2695 sq.m		
	No of trees to be cut :	NIL		
	Number of trees to be planted :	346		
	List of proposed native trees :	Attached separately		
	Timeline for completion of plantation :	Before completion of project		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Aegle marmelos	Bell Tree	36	Evergreen, Flowering & Medicinal
2	Albizia lebbeck	Siris	40	Deciduous & Medicinal
3	Albizia procera	White Siris	30	Deciduous, Good Soil Binding Capacity & Wind/Fire Breakers
4	Annona reticulata	Luvuni	19	deciduous or semi-evergreen & Fruit Bearing
5	Azadirachta indica	Neem	45	Evergreen, pesticidal and insecticidal properties
6	Bauhinia racemosa	Apta	57	Evergreen
7	Cassia fistula	Golden Shower	49	Deciduous & Ornamental
8	Peltophorum pterocarpum	Copper pod tree	35	Evergreen & Medicinal
9	Syzygium cumini	JAMUN	20	Evergreen & Medicinal
10	Ficus glomerata	Umbar	35	Deciduous, Medicinal & Fruit Bearing
11	Jacaranda mimosifolia	Neeli Gumohar	32	Evergreen, Flowering & Medicinal
12	Mangifera indica	Mango	33	Evergreen & Fruit Bearing
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	To be designed	-	-	
47.Energy				

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 66 of 108	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	500 kVA
	DG set as Power back-up during construction phase	500 kVA
	During Operation phase (Connected load):	25330 kVA
	During Operation phase (Demand load):	16887 kVA
	Transformer:	6 X 2500 kVA, 4 X 2000 kVA
	DG set as Power back-up during operation phase:	6 X 2500 kVA, 4 X 2000 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

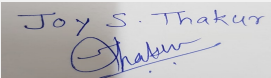
- Use of transformers with NO LOAD & ON LOAD watt losses as per ECBC.
- Use of high frequency, high power factor, electronic ballasts in place of conventional copper-iron ballasts in light fixtures.
- Using energy efficient light fixtures with good photometric properties.
- Using LED's in external lighting bollards, in areas such as staircases, corridors & lift lobbies, where lights burn on 24 hrs. basis.
- Using LED fixture in basements, stilts & underground parking areas.
- Putting external lighting control on time switch / timer control.
- Using time switch control / timer control for basements lighting.
- Employing LED light sources for some of the external lighting fixtures.
- Employing solar powered lighting for part of the external lighting fixtures.
- Using high efficiency motors 'EF1' for pumps & ventilation fans.
- Capacitors shall have a long life in excess of 150,000 hours with low losses in the range of 0.2 watt / KVAR.

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	TOTAL ENERGY SAVING	Bldg 1 - 12 % , Bldg 2 - 10.4%

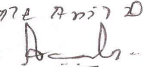
50. Details of pollution control Systems

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


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 67 of 108

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

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 230 Lakhs
	O & M cost:	Rs. 126 Lakhs/yr

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water For Dust Suppression	To control air pollution	0.5
2	Site Sanitation, Disinfection & Safety	To maintain hygienic condition	0.25
3	Environmental Monitoring	Air, water, noise and soil analysis	1
4	Health Check Up	To check fitness of workers	0.25
5	Environment Management cell	To prepare team for environmental management	1

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	To harvest rain water	73	8
2	Sewage Treatment Plant	To treat sewage	175	25
3	Organic Waste Convertor	To treat biodegradable solid waste	100	30
4	Tree Plantation	For green belt development	10	5
5	Environment Monitoring	Air, water, noise and soil analysis management	-	3
6	Environment Management Cell	To manage environmental issues	-	7

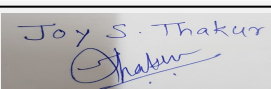
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

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

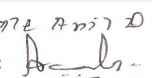
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53.Traffic Management


Joy S.Thakur (Secretary
SEAC-III)

**SEAC Meeting No: 106 Meeting Date: March
10, 2020**

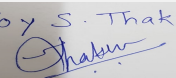
**Page 68
of 108**

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

	Nos. of the junction to the main road & design of confluence:	1
Parking details:	Number and area of basement:	2 Nos. and 35836 sq.m
	Number and area of podia:	6 Nos. and 100708 sq.m
	Total Parking area:	136544.00 sq.m
	Area per car:	B2- 39 sq.m B1- 39 sq.m LG- 37 sq.m UG- 37 sq.m P1- 39 sq.m P2- 39 sq.m P3- 40 sq.m P4- 38 sq.m
	Area per car:	B2- 39 sq.m B1- 39 sq.m LG- 37 sq.m UG- 37 sq.m P1- 39 sq.m P2- 39 sq.m P3- 40 sq.m P4- 38 sq.m
	Number of 2-Wheelers as approved by competent authority:	7137 nos.
	Number of 4-Wheelers as approved by competent authority:	2987 nos.
	Public Transport:	NA
	Width of all Internal roads (m):	12 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8 (b), B1
	Court cases pending if any	NA
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

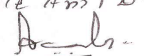
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 69 of 108

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

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

SEAC-AGENDA-000000415

PP had submitted application for prior Environmental clearance for total plot area of 27684.50 m², FSI area of 1,69,982,29m², Non FSI area of 1,84,204.60 m² and total BUA of 354186.89m².

The building configuration of the proposal is as below:

Sr	Building Name	Configuration	Height in m
1	Building 1	B2 + B1 + LG + UG + P1+ P2 + P3 + P4 + Podium + 16 office floors	88.20
2	Building 2	B2 + B1 + LG + UG + P1+ P2 + P3 + P4 + Podium + 16 office floors	88.20

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

DECISION OF SEAC

During discussion following points emerged:

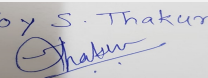
1. PP informed that 9500 m³ debris are proposed to be given to vendor, PP to submit agreement for the same
2. OWC curing period should be 18 days.

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

Specific Conditions by SEAC:

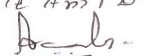
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 71
of 108

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

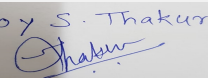
106 SEAC-3 Day 04**SEAC Meeting number: 106 Meeting Date March 10, 2020****Subject:** Environment Clearance for Project by M/s Goldfinger Kataria Urban Developments**Is a Violation Case:** Yes

1.Name of Project	TAMARA
2.Type of institution	Private
3.Name of Project Proponent	Mr. Harilal Kataria
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	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	S. No. 48/4-10,
9.Taluka	Haveli
10.Village	Rahatani
Correspondence Name:	Mr. Kumar Kataria
Room Number:	C1101
Floor:	-
Building Name:	Park Tatinium, C Building, Park Street
Road/Street Name:	-
Locality:	Near Wisdom World School, Wakad
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri Chinchwad Municipal Corporation (PCMC)
12.IOD/IOA/Concession/Plan Approval Number	In Process
	IOD/IOA/Concession/Plan Approval Number: -
	Approved Built-up Area: 23613.64
13.Note on the initiated work (If applicable)	23613.64 m ²
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	12700.00 m ²
16.Deductions	1390.86 m ²
17.Net Plot area	11309.14 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 19660.36
	b) Non FSI area (sq. m.): 19593.46
	c) Total BUA area (sq. m.): 39253.82
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 10512.93
	Approved Non FSI area (sq. m.): 13100.71
	Date of Approval: 09-12-2013
19.Total ground coverage (m2)	2126.43
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.74 % of Total plot area (12700.00 m ²) , 18.80 % of Net plot area (11309.14m ²)
21.Estimated cost of the project	1050000000

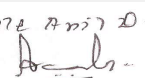
22.Number of buildings & its configuration

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 72 of 108	Name: K. Anil Kale  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Building - A	LP+UP+11	39	
2	Building - B	LP+UP+11	39	
3	Building - C	LP+UP+11	39	
4	Building - D	LP+UP+11	39	
5	Building - E	LP+UP+11	39	
6	Commercial Building	G+7	21	
23.Number of tenants and shops	Total Tenements: 215 Nos. Shops: 14 Nos.& Offices- 98 Nos.			
24.Number of expected residents / users	Residential Users:1075 Nos. , Commercial Users: 533 Nos., Total Users: 1608 Nos.			
25.Tenant density per hectare	169.29 /hector			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	18 M wide 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	NA			
30.Details of the demolition with disposal (If applicable)	NA			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

Joy S. Thakur

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SEAC Meeting No: 106 Meeting Date: March 10, 2020

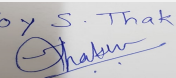
Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Page 73 of 108

Dry season:	Source of water	Pimpri-Chinchwad Municipal Corporation							
	Fresh water (CMD):	178.49 m3/day (One Time)							
	Recycled water - Flushing (CMD):	61.71 m3/day							
	Recycled water - Gardening (CMD):	10.00 m3/day							
	Swimming pool make up (Cum):	2.03 m3/day							
	Total Water Requirement (CMD) :	106.78 m3/day							
	Fire fighting - Underground water tank(CMD):	250 m3							
	Fire fighting - Overhead water tank(CMD):	110 m3							
	Excess treated water	78.07 m3/day							
Wet season:	Source of water	Pimpri-Chinchwad Municipal Corporation							
	Fresh water (CMD):	168.49 m3/day (One Time)							
	Recycled water - Flushing (CMD):	61.71 m3/day							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	2.03 m3/day							
	Total Water Requirement (CMD) :	106.78 m3/day							
	Fire fighting - Underground water tank(CMD):	250 m3							
	Fire fighting - Overhead water tank(CMD):	110 m3							
	Excess treated water	88.07 m3/day							
Details of Swimming pool (If any)	<p>Dimension of Swimming Pool: 78.50 m2 Total water Requirement in KLD: 203.40 m3 Water requirement in KLD: 2.03 m3/day Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored:</p> <p>Budgetary allocation (Capital cost and O & M cost) : Capital Cost: Rs. 4.90 Lakh O & M Cost: Rs. 1.80 Lakh/Year</p>								

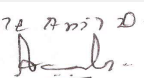
33.Details of Total water consumed

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

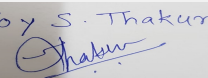
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 74 of 108

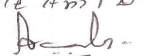
Name: K. Anil D.
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	15m BGL
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	5 Nos.
	Size of recharge pits :	2.00 m x 2.00 m x 1.50 m
	Budgetary allocation (Capital cost) :	Rs. 3.50 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.20 Lakh/Year
	Details of UGT tanks if any :	Domestic UG tank Capacity :175 m3 Flushing Water Tank : 40 m3 Fire UG tank Capacity : 250 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	7182 m3/min
	Size of SWD:	250 mm to 450 mm
Sewage and Waste water	Sewage generation in KLD:	149.79 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	150 m3/day
	Location & area of the STP:	-
	Budgetary allocation (Capital cost):	Rs. 21.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 4.80 Lakh/Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 kg/day
	Disposal of the construction waste debris:	Use for Leveling
Waste generation in the operation Phase:	Dry waste:	294.95 kg/day
	Wet waste:	375.80 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	13.48 kg/day
	Others if any:	-

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 75 of 108

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:	50 m ²
	Area for machinery:	Included in other material area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 11.75 Lakh
	O & M cost:	Rs. 2.90 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

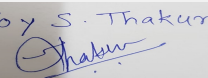
39. Stacks emission Details

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 : 01No.- 200 KVA (Residential)	HSD- 34.4 lit/hr	S - 1	4.50	As per norms	-
2	DG Set: 01No.- 62.5 KVA (Commercial)	HSD- 11 lit/hr	S - 2	4.50	As per norms	-

40. Details of Fuel to be used

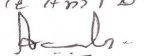
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	45.4 lit/hr	NA	45.4 lit/hr

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

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 76 of 108

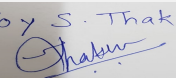
Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

42. Mode of Transportation of fuel to site	By Roadway
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43. Green Belt Development	Total RG area :	1262.33 m ²
	No of trees to be cut :	NA
	Number of trees to be planted :	194 Nos.
	List of proposed native trees :	-
	Timeline for completion of plantation :	Before Completion of all buildings

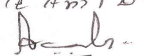
44. Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saracaindica	Site Ashok	06	Medicinal value, Religious plant.
2	Cassia fistula	Bahawa	06	Medicinal value, Drought tolerant species
3	Millingtoniahortensis	Booch	13	Evergreen & flowering tree
4	Bauhunia purpurea	Rakt Kanchan	12	Deciduous, Flowering plant
5	Anthocephalus kadamba	Kadamba	12	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits
6	Mangifera indica	Mango Tree	05	Edible fruit, Bird attracting species.
7	Lioniaacidissima	Kavath	03	Medicinal value, Edible fruit
8	Careyaarborea	Kumbha	05	Deciduous, Flowering plant
9	Muraya exotica	Kunti	09	Evergreen, Ornamental tree
10	Caryotaurens	Fish Tail Palm	17	Grown in any type of soil. Very Hardy.
11	Psidium guajava	Peru Tree	04	Evergreen, Edible fruit
12	Murrayapaniculata	Kamini/ Kunti	06	Tropical, Evergreen plant
13	Hoelarthhenapubescena	Pandhara Kuda	06	Deciduous, Flowering plant
14	Aegle marmelos	Bel Tree	05	Medicinal value, Religious plant.
15	Manilkara zapota	Chiku Tree	08	Evergreen, Edible fruit
16	Vitex negunda	Nirgudi	24	Deciduous tree
17	Nyctanthusarbertristis	Prajakta	01	Flowering tree
18	Pterospermumaecerifolium	Muckhund	02	Medicinal value.
19	Phyllanthus emblica	Awala	04	Deciduous, edible fruit
20	Melia dubia	Mahaneem	04	Deciduous fast growing tree
21	Cordeasebestena	Lal Lasora	04	Flowering tree
22	Madhukalongfolia	Mahua	02	Evergreen, Nutritional value
23	Brownea coccinea	Mountain Rose	02	Evergreen, Flowering tree
24	Albizialebbek	Pandhara Shirish	03	Deciduous tree
25	Lagerstroenia speciosa	Tamhan	02	Medicinal value
26	Mimusopselengi	Bakul	02	Medicinal, Edible fruit
27	Cayotaurens	Fish tail palm	08	Grown in any type of soil. Very Hardy.

Joy S. Thakur

Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 77 of 108

Name: K. Anil D.

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

28	Cassia fistula	Bahawa	04	Medicinal value, Drought tolerant species
29	Saraca indica	Sita Ashok	04	Medicinal value, Religious plant.
30	Pangamiapinnata	Karanj	05	Medicinal value, flowering
31	Bauhuniablackena	Kanchan Raj	02	Flowering, attract birds
32	Michekiachampaka	Sonchafa	02	evergreen or semi-deciduous
33	Melia azadirach	Bakan Neem	02	Medicinal value

45.Total quantity of plants on ground

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

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

47.Energy

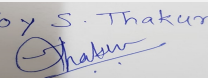
Power requirement:	Source of power supply :	MSEDCL. (Maharashtra State Of Electricity Distribution Company Ltd.)
	During Construction Phase: (Demand Load)	75 KW
	DG set as Power back-up during construction phase	82.5 KVA X 1 No.
	During Operation phase (Connected load):	1770 KW
	During Operation phase (Demand load):	1070 KW
	Transformer:	02 Nos. x 630 KVA
	DG set as Power back-up during operation phase:	01No. x 200 KVA (Residential), 01No. x 62.5 KVA (Commercial)
	Fuel used:	HSD - 45.4 lit/hr (DG Set 200 KVA: 34.4 lit/hr. & DG Set 62.5 KVA :11 lit/hr.)
Details of high tension line passing through the plot if any:	No	

48.Energy saving by non-conventional method:

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

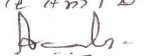
49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV Energy	10125 KWH / Annum
2	Timer Logic Controller	19622 KWH / Annum
3	Electronic VVF drive for Lifts	14704 KWH / Annum
4	Solar Water Heater	299280 KWH / Annum

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 78 of 108

Name: K. Anil Kale

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

50.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Air	Partly green belt is provided.	-
Water	STP is installed & excess treated water used for flushing & gardening.	-
Noise	Acoustically enclosed DG set is installed.	Noise monitoring will be done in once a fortnight. Traffic management plan to be prepared.
Solid Waste	-	Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 54.00 Lakh
	O & M cost:	Rs. 2.10 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 Environment	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	Capacity - 150 KLD	21.00	4.80
2	RWH	-	3.50	1.20
3	MSW	-	11.75	2.90
4	Solar System	-	54.00	2.10
5	Landscaping	-	12.00	1.00
6	Swimming Pool	-	4.90	1.80
7	Safety Equipments	-	10.00	2.00
8	Post EC Monitoring	-	-	2.50
9	Dry Waste management	-	-	1.29

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

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 79 of 108	Name: K 072 Anil D. Signature: Anil Shri. Anil Kale (Chairman SEAC-III)
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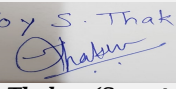
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52. Any Other Information

No Information Available


53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	-
	Number and area of podia:	Included in total parking area
	Total Parking area:	8875.00 m ²
	Area per car:	42.26 m ²
	Area per car:	42.26 m ²
	Number of 2-Wheelers as approved by competent authority:	625
	Number of 4-Wheelers as approved by competent authority:	210
	Public Transport:	NA
	Width of all Internal roads (m):	6.00 m
	CRZ/ RRZ clearance obtain, if any:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	Yes. Court Case Number: 3294/2015
	Other Relevant Informations	Our proposal is transfer to SEIAA from EAC. Proposal No: SIA/MH/NCP/25746/2018

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 80 of 108

Name: K. Anil D.

 Shri. Anil Kale (Chairman SEAC-III)

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	31-05-2017

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP had submitted application for prior Environmental clearance for total plot area of 23613.64 m², FSI area of 19660.36 m², Non FSI area of 19593.46m² and total BUA of 39253.82 m².

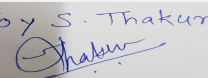
The building configuration of the proposal is as below:

Building A	LP+UP+11	39
Building B	LP+UP+11	39
Building C	LP+UP+11	39
Building D	LP+UP+11	39
Building E	LP+UP+11	39
Commercial Building	G+ 7	21

Now, the PP has applied as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018. The PP informed that the total constructed area on site is: 23613.64 m².

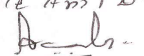
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a)B2

DECISION OF SEAC

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 82
of 108

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

During discussion following points emerged:

1. The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 2.05 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 0.45 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 2.05 Cr for the project completion period.
2. PP to submit Revised RG plan by shifting plants located at STP, OWC and UGT

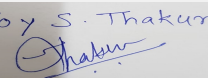
SEAC decided to **recommend** the proposal for prior environmental Clearance, subject to PP complying with the above conditions.

Specific Conditions by SEAC:

- 1) The committee noted that Cost of remediation plan and natural & community resource augmentation plan as per revised approach paper is estimated as Rs. 2.05 Cr. The Committee also noted that the amount of CER as per MoEF & CC circular dated 1/05/2018 is Rs. 0.45 Cr which is less than the remediation / augmentation plan. Therefore committee decided to obtain Bank Guarantee of Rs 2.05 Cr for the project completion period.

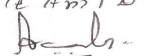
FINAL RECOMMENDATION

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

Joy S. Thakur

Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

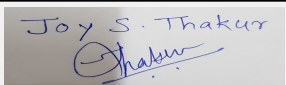
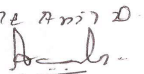
Page 83
of 108

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

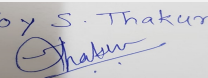
106 SEAC-3 Day 04**SEAC Meeting number: 106 Meeting Date March 10, 2020****Subject:** Environment Clearance for project by M/s Royal Developers**Is a Violation Case:** Yes

1.Name of Project	LINERA
2.Type of institution	Private
3.Name of Project Proponent	Mr. Ashok Dhanraj Chordia
4.Name of Consultant	M/s Sneha Hi-Tech Products
5.Type of project	Residential and 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	Survey No. 121, Hissa No. 2/1/1,2/2/1,2/3/1, 2/4 &2/5,
9.Taluka	Mulshi
10.Village	Wakad
Correspondence Name:	Mr. Vilas Tambe
Room Number:	-
Floor:	Level 8
Building Name:	Solitaire World
Road/Street Name:	Mumbai Bangalore Highway
Locality:	Baner
City:	Pune
11.Whether in Corporation / Municipal / other area	Pimpri-Chinchwad Municipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	Received
	IOD/IOA/Concession/Plan Approval Number: B.P./Wakad/05/2016
	Approved Built-up Area: 48282.74
13.Note on the initiated work (If applicable)	33788.62 m ² (FSI Area:12913.67 m ² +NON FSI Area:20874.95 m ²)
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	16827.00
16.Deductions	5993.02 m ²
17.Net Plot area	10833.98 m ²
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 20221.59 m ²
	b) Non FSI area (sq. m.): 30065.67 m ²
	c) Total BUA area (sq. m.): 50287.26
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 20581.68 m ²
	Approved Non FSI area (sq. m.): 27701.06 m ²
	Date of Approval: 30-06-2016
19.Total ground coverage (m2)	2319.60 m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	13.78 % of Total plot area(16827 m ²) 21.41 % of Net Plot Area (10833.98 m ²)
21.Estimated cost of the project	600000000

22.Number of buildings & its configuration

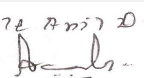
 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 84 of 108	Name: K. Anil Kale Signature:  Shri. Anil Kale (Chairman SEAC-III)
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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Wing - A	B+Stilt+12	40.45 m	
2	Wing - B	B+Stilt+12	40.45 m	
3	Wing - C	B+Stilt+12	40.45 m	
4	Wing - D	B+Stilt+12	40.45 m	
5	Wing - E	B1+B2+Stilt+12	42.20 m	
6	Wing - F	B1+B2+Stilt+4	21.80 m	
23.Number of tenants and shops	Tenements- 282 Nos. No. of Showrooms-4Nos.			
24.Number of expected residents / users	Residential Users: 1410 Nos. Commercial Users: 140 Nos. Total Users: 1550 Nos.			
25.Tenant density per hectare	167.58 /hector			
26.Height of the building(s)				
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	45 m wide Road			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m			
29.Existing structure (s) if any	Not Applicable			
30.Details of the demolition with disposal (If applicable)	Not Applicable			
31.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32.Total Water Requirement				

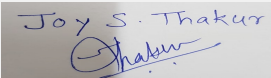
Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 85 of 108

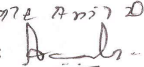
Name: K. Anil Kale

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

Dry season:	Source of water	PCMC							
	Fresh water (CMD):	207.05 m3/day (One Time)							
	Recycled water - Flushing (CMD):	66.25 m3/day							
	Recycled water - Gardening (CMD):	9.00 m3/day							
	Swimming pool make up (Cum):	1.40 m3/day							
	Total Water Requirement (CMD) :	131.80 m3/day							
	Fire fighting - Underground water tank(CMD):	250.00m3							
	Fire fighting - Overhead water tank(CMD):	100.00 m3							
	Excess treated water	95.32 m3/day							
Wet season:	Source of water	PCMC							
	Fresh water (CMD):	198.05 m3/day (One Time)							
	Recycled water - Flushing (CMD):	66.25 m3/day							
	Recycled water - Gardening (CMD):	NA							
	Swimming pool make up (Cum):	1.40 m3/day							
	Total Water Requirement (CMD) :	131.80 m3/day							
	Fire fighting - Underground water tank(CMD):	250.00m3							
	Fire fighting - Overhead water tank(CMD):	100 m3							
	Excess treated water	104.32 m3/day							
Details of Swimming pool (If any)	Dimension of Swimming Pool: 25.57m2 x 1.2m water depth Total water Requirement in KLD: 33.77 m3 Water requirement in KLD: 1.40 m3/day Details of Plant & Machinery used for treatment of Swimming pool water: Details of quality to be achieved for swimming pool water and parameters to be monitored: Capital cost: Rs. 12.21 Lakh O & M Cost: Rs. 1.68 Lakh/Year								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

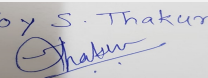

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 86 of 108

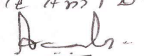
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	8 to 10 m
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	5 Nos.
	Size of recharge pits :	1.5m x 1.5m x 1.5m
	Budgetary allocation (Capital cost) :	Rs. 10.00 Lakh
	Budgetary allocation (O & M cost) :	Rs. 1.00 Lakh/Year
	Details of UGT tanks if any :	Residential & Commercial : Domestic UG tank Capacity - 197 m3 Flushing UG tank Capacity: -100.3 m3 Fire UG tank Capacity: - 250.00 m3
35.Storm water drainage	Natural water drainage pattern:	-
	Quantity of storm water:	163 m3/day.
	Size of SWD:	150/200mm dia.
Sewage and Waste water	Sewage generation in KLD:	170.57 m3/day
	STP technology:	MBBR
	Capacity of STP (CMD):	1 No. - 190 m3/day
	Location & area of the STP:	110 m2
	Budgetary allocation (Capital cost):	Rs.39.00 Lakh
	Budgetary allocation (O & M cost):	Rs. 5.70 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:	303 kg/day
	Wet waste:	437 kg/day
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	15.35 kg/day
	Others if any:	NA

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 87 of 108

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

Mode of Disposal of waste:	Dry waste:	Authorized Vendor
	Wet waste:	Organic Waste Converter
	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:	50 m ²
	Area for machinery:	Included in other area
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 14.75 Lakh
	O & M cost:	Rs. 3.06 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

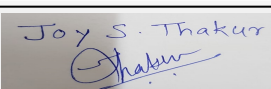
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	500 KVA- 01No.	HSD- 40.00 lit./hr.	S-1	2.25 m	-	-

40. Details of Fuel to be used

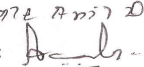
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	40.00 lit./hr.	-	40.00 lit./hr.

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


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 88 of 108

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

43.Green Belt Development	Total RG area :	1483.20 m2
	No of trees to be cut :	NA
	Number of trees to be planted :	57 Nos.(Proposed) + 155 Nos.(Already Planted)
	List of proposed native trees :	57 Nos.(Proposed) + 155 Nos.(Already Planted)
	Timeline for completion of plantation :	Before Completion

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Areca catechu	Supari palm	12	Native, Hardy, Fruit bearing, Attracts birds, insects and squirrels
2	Plumeria rubra	Deochapha	15	Flowering, Fast growing, Hardy
3	Cassia fistula	Bahava	10	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.
4	Putranjiva roxburghii	Putranjiva	10	Evergreen, Native ,Medicinal value, Drought Resistant
5	Messua ferrea	Nag chafa	10	Native, Fragrant flowers, Attracts insects

45.Total quantity of plants on ground

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

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

47.Energy

 Joy S.Thakur (Secretary SEAC-III)	SEAC Meeting No: 106 Meeting Date: March 10, 2020	Page 89 of 108	Name: K. Anil Kale  Signature: Shri. Anil Kale (Chairman SEAC-III)
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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	93.19 KW
	DG set as Power back-up during construction phase	62.5 KVA - 1 Nos.
	During Operation phase (Connected load):	1260 KW
	During Operation phase (Demand load):	915.31 KW
	Transformer:	02 Nos. x 630 KVA
	DG set as Power back-up during operation phase:	01No.- 500 KVA
	Fuel used:	40.00 lit./hr.
	Details of high tension line passing through the plot if any:	Yes

48. Energy saving by non-conventional method:

- Maximum use of daylight in tenements area by providing appropriate window sizing
- Use of Energy efficient LED lamps in all public/ common areas.
- Optimum building orientation
- Use of energy efficient devices
- Daylight cum occupancy sensors in parking area lighting
- Timer control external lighting
- Solar powered water heating for all tenements

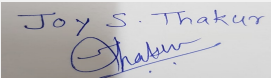
49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Common area / external lighting on timers	2%
2	Use of LED lamps in common area	8%
3	Group control for elevators	1.5%
4	Total Energy Saving	15 %

50. Details of pollution control Systems

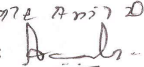
Source	Existing pollution control system	Proposed to be installed
Air	We have provided Part green belt .	-
Water	We have installed STP of capacity 190 KLD for Existing & proposed phase & excess treated water used for flushing & gardening	-
Noise	Acoustically enclosed DG set is installed. Noise monitoring is carried out.	Traffic management plan to be prepared.
Solid Waste	Wet waste & dry waste of existing phase is handed over to PCMC.	Wet waste will be treated in OWC. STP sludge will be used as manure after treatment in OWC dry waste will be given to authorized vendor

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 30.00 Lakh
	O & M cost:	Rs.1.50 Lakh/Year


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 90 of 108

Name: K. Anil Kale

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

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
2	Water Environment	Tanker Water for Construction, Water Monitoring	0.50
3	Land Environment	Site Sanitation- Mobile toilets	0.50
4	Socio Economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches for Children, Food for children, Personal Protective Equipment	1.00

b) Operation Phase (with Break-up):

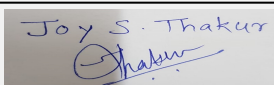
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	Sewage Treatment Plant	39.00 Lakh	5.70 Lakh/year
2	RWH	Rainwater Harvesting	10.00 Lakh	1.00 Lakh/year
3	MSW(OWC)	Organic Waste Converter	14.75 Lakh	3.06 Lakh/year
4	Energy System	-	30.00 Lakh	1.50 Lakh/year
5	Landscaping	-	15.55 Lakh	1.04 Lakh/year
6	Swimming Pool	-	12.21 Lakh	1.68 Lakh/year
7	Alternate Water Supply	-	-	12.48 Lakh/year
8	Safety Equipment's	-	10.00 Lakh	2.00 Lakh/year
9	Post EC Monitoring	-	-	2.50 Lakh/year
10	Dry Waste Management	-	-	1.69 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

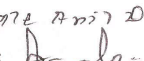
52.Any Other Information

No Information Available


Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 91 of 108

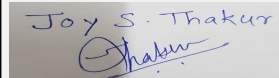
Name: K. Anil Kale
Signature: 
Shri. Anil Kale (Chairman SEAC-III)

53. Traffic Management

	Nos. of the junction to the main road & design of confluence:	-
Parking details:	Number and area of basement:	5122.44 m ²
	Number and area of podia:	NA
	Total Parking area:	9344.66 m ²
	Area per car:	For Basement Parking- 35 m ² , For Covered Parking- 30 m ²
	Area per car:	For Basement Parking- 35 m ² , For Covered Parking- 30 m ²
	Number of 2-Wheelers as approved by competent authority:	624 Nos.
	Number of 4-Wheelers as approved by competent authority:	202 Nos.
	Public Transport:	Not Applicable
	Width of all Internal roads (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	-

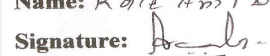
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	-
Water Budget	-
Waste Water Treatment	-


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 92 of 108

Name: K. Anil Kale

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

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

SEAC-AGENDA-000000415

PP had submitted application for prior Environmental clearance for total plot area of 16827.00 m², FSI area of 20221.59m², Non FSI area of 30065.67 m² and total BUA of 50287.26 m².

The building configuration of the proposal is as below:

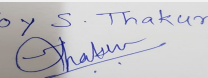
Sr no	Building Name	Configuration	Height in m
1	Wing - A	B+Stilt+12	40.45
2	Wing - B	B+Stilt+12	40.45
3	Wing - C	B+Stilt+12	40.45
4	Wing - D	B+Stilt+12	40.45
5	Wing - E	B1+B2+Stilt+12	42.20
6	Wing - F	B1+B2+Stilt+4	21.80

PP was issued ToR in 88th meeting SEAC-3, as per the MoEF&CC Notification dated 14/03/2017 and 8/03/2018 for preparation of EIA/EMP.

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

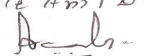
The committee noted that Cost of remediation plan and natural & community resource

DECISION OF SEAC

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 94
of 108

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

During discussion following points emerged:

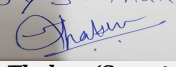
1. The Committee noted that in proposed building, PP has proposed pit larking as well as stack parking. The same is not yet approved by PCMC. Parking layout should be revised accordingly as it will create issues for evacuation of cars.
2. PP to submit basement approval plan.
3. In case of displacement of car at ground floor, fire tender movement have to be altered to provide 6 m clear drive way and 9 m turning radius.
4. PP to revise traffic impact assessment in view of above points.
5. PP to submit details of STP.
6. UGT shall be located at a suitable place away from drive way. PP to submit details of UGT.
7. PP to obtain and submit following NOC's: (a) CFO NOC,
8. PP to submit mitigation measures proposed for nuisance due to allergic plants at site.

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

Specific Conditions by SEAC:


FINAL RECOMMENDATION

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

Joy S. Thakur

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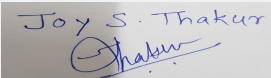
SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 95
of 108

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

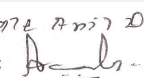
106 SEAC-3 Day 04**SEAC Meeting number: 106 Meeting Date March 10, 2020****Subject:** Environment Clearance for Expansion in Environment Clearance of building construction project**Is a Violation Case:** No

1.Name of Project	Residential and commercial Project 'Western Hills'
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rahul Mundada
4.Name of Consultant	Sneha HiTech Products
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, EC was obtained from Env't. Dpt., Gov. of Maharashtra vide no. SEAC2011/CR-70/TC2 dated 18.05.2013
8.Location of the project	Sr. No. 45/1, 45/2, 46/1 & 46/2
9.Taluka	Mulshi
10.Village	Sus
Correspondence Name:	M/s. High Seas Properties Pvt. Ltd.
Room Number:	16/1
Floor:	-
Building Name:	Parvati chambers
Road/Street Name:	Sangam press road
Locality:	Kothrud
City:	Pune
11.Whether in Corporation / Municipal / other area	PMRDA
12.IOD/IOA/Concession/Plan Approval Number	Building plan was sanctioned by TOWN PLANNING&PMRDA. Revised sanction is in process.
	IOD/IOA/Concession/Plan Approval Number: Commencement No.& date PRA/NA/SR/307/2013 19/12/2013 Commencement No.& date BMU/CR/NO 355/16-17 06/06/2016 Commencement No.& date BMU/CR/NO 1220/16-17 21/02/2018 Commencement No.& date BMU/CR/NO 1543/18-19 09/08/2019 Commencement No.& date PRA/NASR/59/2011 09/01/2012 Commencement No.& date PRA/NASR/331/2013 02/06/2014 Commencement No.& date BMU/CR/NO.1125/17-18 01/12/2018
	Approved Built-up Area: 72648.25
13.Note on the initiated work (If applicable)	Total 17 buildings (i.e. A1-A2, A3-A4, A5-A6, A7-A8, B3-B4, D1-D2, D3-D4) B, C, E, and 1 villa were constructed on site as per EC obtained on 18.05.2013. And construction of building C1, C2, C3, D5, D6, Commercial, Wing D, 8 villas (V2-V9) and 2 no. of club house were started on site
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	80128.00
16.Deductions	8008.68
17.Net Plot area	72119.32
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 64145.23
	b) Non FSI area (sq. m.): 83644.48
	c) Total BUA area (sq. m.): 147789.71
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): 52256.65
	Approved Non FSI area (sq. m.): 20391.6
	Date of Approval: 02-06-2014
19.Total ground coverage (m2)	27711.98
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38.42%

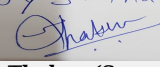

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 96 of 108


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

21. Estimated cost of the project		3850000000		
22. Number of buildings & its configuration				
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	A1-A8, D1-D4, B3, B4, C1-C3	P+4	14.25	
2	V1-V9 (villas)	P + 2	12.50	
3	Wing D5, Wing D6	B+P+12	37.95	
4	Commercial Bldg.	B+G + 3	17.40	
5	Wing B, Wing C, Wing E, Wing D	B+P + 12	37.95	
6	2 amenity buildings, 2 no. of club house	Amenity building- P+4, 2 no. of club house-G+1	Amenity building- 14.40 m, 2 no. of club house-6.60m	
23. Number of tenants and shops		567 flats and commercial area 5283 SqM		
24. Number of expected residents / users		4269		
25. Tenant density per hectare		250/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))		30 m Sus 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		Total 17 buildings (i.e. A1-A2, A3-A4, A5-A6, A7-A8, B3-B4, D1-D2, D3-D4) B, C, E, and 1 villa were constructed on site as per EC obtained on 18.05.2013. And construction of building C1, C2, C3, D5, D6, Commercial, Wing D, 8 villas (V2-V9) and 2 no. of club house were started on site		
30. Details of the demolition with disposal (If applicable)		NA		
31. Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
32. Total Water Requirement				

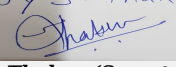
Joy S. Thakur

 Joy S. Thakur (Secretary
 SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
 10, 2020

Page 97
 of 108


Name: K. Anil Kale

 Shri. Anil Kale (Chairman
 SEAC-III)

Dry season:	Source of water	PMRDA/Recycled water							
	Fresh water (CMD):	377.70							
	Recycled water - Flushing (CMD):	195.78							
	Recycled water - Gardening (CMD):	43.27							
	Swimming pool make up (Cum):	13.80							
	Total Water Requirement (CMD) :	616.75							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	100							
	Excess treated water	277.08							
Wet season:	Source of water	PMRDA/Recycled water							
	Fresh water (CMD):	377.70							
	Recycled water - Flushing (CMD):	195.78							
	Recycled water - Gardening (CMD):	0							
	Swimming pool make up (Cum):	13.80							
	Total Water Requirement (CMD) :	573.48							
	Fire fighting - Underground water tank(CMD):	300							
	Fire fighting - Overhead water tank(CMD):	100							
	Excess treated water	320.35							
Details of Swimming pool (If any)	Yes. make up water has been considered								
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 98 of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

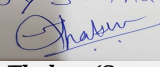
34. Rain Water Harvesting (RWH)	Level of the Ground water table:	Summer Season - 18.80 m. to 23.20 m. BGL. (21.00 m. Average) , Rainy Season - 6.40 m. to 10.80 m. BGL. (8.60 m. Average), Winter Season - 12.60 m. to 17.00 m. BGL. (14.80 m. Average)
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	34 Nos
	Size of recharge pits :	26 No. for roof top 2.5 m X 2.5 m X 2.0 m via 0.9 m. dia. 1 m. deep de-siltation chamber & 6 No. for roof top 2.5 m X 2.5 m X 2.0 m via 0.9 m. dia. 2 m. deep de-siltation chamber
	Budgetary allocation (Capital cost) :	Rs. 42.50 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 1.70 Lakh/year
	Details of UGT tanks if any :	Domestic: 350 m ³ Firefighting: 300 m ³ Flushing: 160 m ³

35. Storm water drainage	Natural water drainage pattern:	East to West
	Quantity of storm water:	44,198.40 m ³ /year i.e. 883.97 m ³ /day considering 849.30 mm. average rain fall in 50 no. of days.
	Size of SWD:	200 to 600 mm diameter

Sewage and Waste water	Sewage generation in KLD:	534
	STP technology:	MBBR
	Capacity of STP (CMD):	330 KLD + 210 KLD = 540 KLD STP
	Location & area of the STP:	Location: On Ground
	Budgetary allocation (Capital cost):	Rs. 86.00 Lakhs
	Budgetary allocation (O & M cost):	Rs. 27.11 Lakhs/annum


36. Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	25 kg/day
	Disposal of the construction waste debris:	Will be disposed off in municipal garbage collection bins. It will be used for backfill & site leveling.
Waste generation in the operation Phase:	Dry waste:	808 kg/day
	Wet waste:	1096 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	45.83 kg/day
	Others if any:	E waste - 2597 kg/annum

Joy S. Thakur

 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 99
of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

Mode of Disposal of waste:	Dry waste:	Will be handed over to SwaCH agency
	Wet waste:	Will be treated in Organic Waste Converter
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Dried and used as manure for gardening
	Others if any:	E-waste Will be handed to recyclers
Area requirement:	Location(s):	On Ground
	Area for the storage of waste & other material:	90 Sq.m
	Area for machinery:	Included above
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 22.75 lakhs
	O & M cost:	Rs. 5.75 lakhs/annum

37. Effluent Characteristics

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

38. Hazardous Waste Details

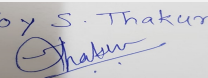
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

39. Stacks emission Details

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

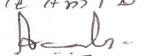
40. Details of Fuel to be used

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

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 Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

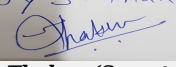
Page 100 of 108

Name: K. Anil Kale

 Shri. Anil Kale (Chairman SEAC-III)

43.Green Belt Development	Total RG area :	Lawn Area=4766.32 Sq.m. Softscape area=12068 Sq.m. Hardscape area= 965 Sq.m.
	No of trees to be cut :	NA
	Number of trees to be planted :	1008
	List of proposed native trees :	List attached below
	Timeline for completion of plantation :	Before completion of project


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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Acrus sapota	Chikoo	09	Fruit Bearing tree
2	Anthocephalus kadamba	Kadamb	55	Ornamental native tree
3	Azadiracta indica	neem	14	Purifies air, Shade Giving
4	Bahunia blakeana	Hongkong Orchid	58	Ornamental flowering tree, Attracts bees and butterflies
5	Bahunia pupurea	Purple orchid tree	26	Ornamental flowering tree, Attracts bees and butterflies
6	Bombax ceiba	Silk cotton tree	29	Host plant for butterflies and moths
7	Callistemon lanceolatus	Bottle brush tree	66	Ornamental, attracts butterflies
8	Cassia fistula	Bahawa	33	Ornamental tree
9	Cordia sebestena	Orange Geiger Tree	15	Ornamental, fruit bearing tree
10	Dalbergia sisoo	Sisham	14	Shade Giving
11	Dellinia indica	Elephant apple	76	Ornamental, shade giving and fruit bearing
12	Filicium decipens	Fern tree	16	Ornamental, shade giving
13	Jacaranda mimosifolia	Neel gulmohar	38	Ornamental, shade giving, avenue planting tree
14	Lagerstroemia speciosa	Queen crape myrtle	70	Ornamental, flowering
15	Michelia champaca	Son chafa	45	Fragrant flowering
16	Millingtonia hortensis	Indian cork tree, buch	18	Fragrant flowering, avenue planting tree, shade giving
17	Mimusops elengii	Bakul	55	Shade giving, fragrant flowering
18	Peltophorum pterocarpum	Copperpod	09	Flowering, shade giving
19	Peltophorum ferrugineum	Copperpod	07	Flowering, shade giving
20	Plumeria actufolia	Frangipani	31	Ornamental, Flowering
21	Plumeria rosea	Red Frangipani	31	Ornamental, Flowering
22	Plumeria sulphurea	Yellow frangipani	20	Ornamental, Flowering
23	Pongamia pinnata	Karanj	23	Fast growing, Shade giving

Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 101 of 108

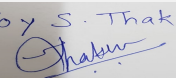
Name: K. Anil Kale

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

24	Peternospermum acerifolium	Kanakchampa	37	Flowering tree
25	Putranjiva roxburgii	Putranjiva	32	Shade giving
26	Psidium guajava	Guava	4	Fruit bearing tree
27	Saraca indica	Sita ashok	38	Religious, ornamental, flowering
28	Spathodea compunalata	Africa tulip tree	39	Flowering, insect/bird attracting, shade giving
29	Syzygium cumini	Jhambul	18	Fruit bearing, fast growing
30	Tabebuia rosea	Rosy trumpet tree	38	Flowering, ornamental
31	Tabebuia argentea	Golden trumpet tree	27	Flowering, ornamental
45.Total quantity of plants on ground				

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

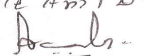
Serial Number	Name	C/C Distance	Area m2
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	-	-	-
16	-	-	-
17	-	-	-

47.Energy

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Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 102 of 108

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	225 KW
	DG set as Power back-up during construction phase	3X82.5 KVA
	During Operation phase (Connected load):	5350 KW
	During Operation phase (Demand load):	3576 KW
	Transformer:	6 Nos. of 630 KVA
	DG set as Power back-up during operation phase:	1 no of 250 KVA 1 no. of 350 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48. Energy saving by non-conventional method:

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

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	ENERGY SAVING - TOTAL	16.63 %

50. Details of pollution control Systems

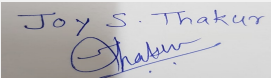
Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 107 Lakhs
	O & M cost:	Rs. 5.46 Lakhs/annum

51. Environmental Management plan Budgetary Allocation

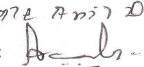
a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water for Dust Suppression	To control air pollution	5
2	Site Sanitation, Disinfection & Safety	To maintain hygienic condition	8
3	Environmental Monitoring	Air, water, noise and soil analysis	4


Joy S. Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 103 of 108

Name: K. Anil Kale

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

4	Health Check up	To check fitness of workers	3
5	Environment Management Cell	To manage environmental issues	9

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	To harvest rain water	42.50	1.70
2	Sewage Treatment Plant	To treat sewage	94.90	29.28
3	Organic Waste Composting	To treat biodegradable solid waste	22.75	5.25
4	Green Belt Development	Tree plantation	355	3.5
5	Energy saving	For use of solar lighting and solar heater	107	5.75
6	Environment Monitoring	Air, water, noise and soil analysis	-	5
7	-	-	-	-
8	-	-	-	-
9	Environment Management Cell	To manage environmental issues	-	13.20
10	-	-	-	-

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

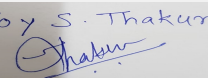
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

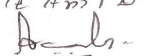
53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1 No.
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Joy S. Thakur

Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

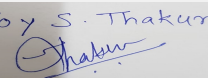
Page 104 of 108

Name: K. Anil Kale

Shri. Anil Kale (Chairman SEAC-III)

Parking details:	Number and area of basement:	AREA -14080.00 SQ.M.
	Number and area of podia:	AREA -14080.00 SQ.M.
	Total Parking area:	7532.27 SQ.M.
	Area per car:	Podium: 31SQ.M. Ground: 20 SQ.M.
	Area per car:	Podium: 31SQ.M. Ground: 20 SQ.M.
	Number of 2-Wheelers as approved by competent authority:	1124 Nos.
	Number of 4-Wheelers as approved by competent authority:	360 Nos
	Public Transport:	NA
	Width of all Internal roads (m):	9 m wide internal roads
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a) B2
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

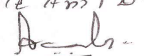
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Joy S. Thakur

 Joy S.Thakur (Secretary SEAC-III)

SEAC Meeting No: 106 Meeting Date: March 10, 2020

Page 105
of 108

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

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

Brief information of the project by SEAC

SEAC-AGENDA-00000000415

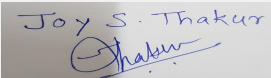
PP had submitted application for prior Environmental clearance for total plot area of 80128.00 m², FSI area of 64145.23 m², Non FSI area of 83644.48 m² and total BUA of 147789.71 m².

The building configuration of the proposal is as below:

Sr no	Building Name	Configuration	Height in m
1	A1-A8, D1-D4, B3, B4, C1-C3	P+4	14.25
2	V1-V9 (villas)	P + 2	12.50
3	Wing D5, Wing D6	B+P+12	37.95
4	Commercial Bldg.	B + G + 3	17.40
5	Wing B, Wing C, Wing E, Wing D	B + P + 12	37.95
6	Amenity Building - 2 nos.	P + 4	14.40
7	Club house - 2 nos.	G+1	6.60

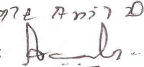
The case was discussed on the basis of the documents submitted and presentation made by the proponent. All issues relating to environment, including air, water, land, soil, ecology, biodiversity and social aspects were examined. The proposal is appraised as category 8(a) B2.

DECISION OF SEAC


Joy S.Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 107
of 108

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

During discussion following points emerged:

1. PP to submit special permission from competent authority to lay sewer and storm line across 30 m wide road.

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

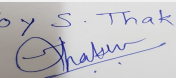
Specific Conditions by SEAC:

1) Nil.

FINAL RECOMMENDATION

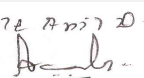
SEAC-III have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions

SEAC-AGENDA-0000000415

Joy S. Thakur

Joy S. Thakur (Secretary
SEAC-III)

SEAC Meeting No: 106 Meeting Date: March
10, 2020

Page 108
of 108

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