Agenda 70th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 70 Meeting Date September 7, 2018

Subject: Environment Clearance for Expansion in Environment Clearance for Project Sobha Elanza by Sobha Ltd.

Is a Violation Case: No **1.Name of Project** Sobha Elanza 2.Type of institution Private **3.Name of Project Proponent** Sobha Limited through Mr. Atul Agharkar Mahabal Enviro Engineers Pvt. Ltd., Thane, Maharashtra 4.Name of Consultant **5.Type of project** Housing Project 6.New project/expansion in existing project/modernization/diversification Expansion in Existing project in existing project 7.If expansion/diversification. Yes, we have received Environmental Clearance for project from Govt. of Maharashtra file no. whether environmental clearance has been obtained for existing SEAC III-2015/CR.107/TC.3 dated 03.12.2016 for built up area 53,368 m2. project 8.Location of the project Survey No. 77/1, Plot no.1 9.Taluka Haveli 10.Village Kothrud Sobha Limited **Correspondence Name: Room Number:** NA Floor: 5th Floor **Building Name:** Parakh House Road/Street Name: No. 1 Boat Club Road Locality: Bund Garden City: Pune **11.Area of the project** Pune Municipal Corporation **Commencement Certificate received** 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: CC/0334/18 dated 08.05.2018 Approval Number Approved Built-up Area: 34394 13.Note on the initiated work (If We have received EC for the Construction area 53.368 m2. Primove Nala constructions is applicable) partially completed at site. 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 15.Total Plot Area (sq. m.) 27,499 m2 **16.Deductions** 15,353 m2 **17.Net Plot area** 12,146 m2 a) FSI area (sq. m.): 34,394 m2 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 36,324 m2 Non-FSI) c) Total BUA area (sq. m.): 70718 Approved FSI area (sq. m.): 36,439 m2 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): 34,722 m2 DCR Date of Approval: 08-05-2018 19.Total ground coverage (m2) 4.982 m2 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 41% to sky) 21.Estimated cost of the project 2568300000 22.Number of buildings & its configuration Serial **Building Name & number** Number of floors Height of the building (Mtrs) number

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101Name: K oft A mil D
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1		Block 1		P1+P2+P	3+P4 (Gr. Fl. Floors) +P5+20	69.95
2		Block 2		P1+P2+P3+P4 (Gr. Fl.) + P5+20 Floors			69.95
3		Block 3			3+P4 (Gr. Fl. Floors) +P5+19	66.80
4		Club House		P1+P2+P	3+P4(Gr. Fl. Floor) +P5+01	10.50
23.Number tenants an		272 nos. of	tenents				
24.Number expected r users		Total popula	ation = 1,632	2 nos. (Perm	anent popula	tion- 1360	nos. & Floating population- 272 nos.)
25.Tenant per hectar		307/Ha					
26.Height building(s)							
(Width of t from the n station to t	27.Right of way (Width of the road from the nearest fire station to the proposed building(s)Nearest fire station. Kothrud & width road from nearest fire station to the proposed building - 36 m wide road abutting the site						station to the proposed building –
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	9 m			,06	900	
29.Existing structure (Yes, 7 nos. t	emporary st	ructures inc	luding securi	ity cabin	
30.Details demolition disposal (I applicable)	ı with f	Cabins mate within proje		d to authori	zed vendor a	nd old struc	ture material will be used for filling
			31.P	roduct	tion De	tails	
Serial Number	Pro	duct	Existing	(MT/M)	Proposed	(MT/M)	Total (MT/M)
1	Not ap	plicable	Not app	olicable	Not app	licable	Not applicable
	32.Total Water Requirement						



		Source of	wator	Ριιπο Μιιπία	cipal Corpora	tion					
		Fresh wate		131 m3/day		101011					
		Recycled v	, ,		/						
		Flushing (68 m3/day							
		Recycled v Gardening		21 m3/day	21 m3/day						
		Swimming make up (5 m3/day							
Dry seasor	1:	Total Wate Requirements		199 m3/day							
		Fire fighti Undergrou tank(CMD	ind water	300 m3							
		Fire fighti Overhead tank(CMD	water	60 m3					3		
		Excess tre	ated water	81 m3/day							
		Source of	water	Pune Munic	cipal Corpora	ation					
		Fresh wate	er (CMD):	131 m3/day	7						
		Recycled v Flushing (68 m3/day			5				
		Recycled v Gardening		11 m3/day							
		Swimming make up (5 m3/day							
Wet seaso	n:	Total Wate Requirements	-	199 m3/day							
		Fire fighti Undergrou tank(CMD	ind water	300 m3							
		Fire fighti Overhead tank(CMD	water	60 m3							
		Excess tre	ated water	92 m3/day							
Dete:le.ef		254 m2 x 1 Total water	Swimming pool Dimension: 254 m2 x 1.20 m & 48 m2 x 0.60 m Total water Requirement - 333 m3 Water requirement for make up - 5 m3/day								
Details of s pool (If an		• Filtration i. 1200 mm ii. Splash M	Equipment: dia Bobbin V fonoblock pu	pacity:72.80 cum /hr. (Appox. 5 hr turn over time) uipment: Bobbin Wound Filter with 2" Multiport valve oblock pump 2 HP (Self priming pump) for Filtration by Chlorination & pH Control.							
		2	33.Detail	s of Tota	l water c	onsi	ımeo	d			
Particula rs	Cons	sumption (C	CMD)		Loss (CMD)			Ef	fluent (CM	D)	
Water Require ment	Existing	Proposed	Total	Existing	Proposed	To	tal	Existing	Proposed	Total	
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Ne applie		Not applicable	Not applicable	Not applicable	
Juste								Nan	ne: Kort A	milD	

hote			Name: Kart Amil D
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	Level of the Ground water table:	Variable between 4 m to 8m below ground level					
	Size and no of RWH tank(s) and Quantity:	1 no. with Size : 41 m2 X 4 m. + (0.50 m. FB) and 154 m3 of quantity					
	Location of the RWH tank(s):	At North-East Corner below P1 level.					
34.Rain Water	Quantity of recharge pits:	14 nos.					
Harvesting (RWH)	Size of recharge pits :	1.5 m dia. x 3.50 m depth					
	Budgetary allocation (Capital cost) :	Rs. 23 Lakh					
	Budgetary allocation (O & M cost) :	Rs. 1 Lakh/year					
	Details of UGT tanks if any :	Domestic: 199 m3 (Domestic 154 m3 +Drinking 45 m3) Flushing: 60 m3 Fire: 300 m3					
	Natural water drainage pattern:	As per contour slope of the plot					
35.Storm water drainage	Quantity of storm water:	8 m3/min					
	Size of SWD:	400 mm dia.					
	•						
	Sewage generation in KLD:	179 m3/day					
	STP technology:	Extended Aeration with Ultra filtration					
Sewage and	Capacity of STP (CMD):	1 no. of STP having capacity 220 m3/day					
Waste water	Location & area of the STP:	Partly open to sky and Partly below P1 Level at east side. Area of STP - 297 m2					
	Budgetary allocation (Capital cost):	Rs. 59 Lakh					
	Budgetary allocation (0 & M cost):	Rs. 18 Lakh/Year					
	36.Solie	d waste Management					
Waste generation in	Waste generation:	32,055 m3					
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Will be used for back filling & leveling of the plot.					
	Dry waste:	272 kg/day					
	Wet waste:	408 kg/day					
Waste generation	Hazardous waste:	NA					
in the operation Phase:	Biomedical waste (If applicable):	NA					
1 11030.	STP Sludge (Dry sludge):	2 kg/day- Dry sludge					
	Others if any:	NA					

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		Dry waste:			Handed ove purpose	Handed over to authorized recycler for further handling & disposal purpose						
		Wet waste	:		Through Or	Through Organic Waste Converter having capacity 450 kg/day						
Mode of I	Disposal	Hazardous	s wast	e:	NA							
of waste:	515p05d1	Biomedica applicable		te (If	NA							
STP Sludge sludge):				y	Will be use	d as m	anure	for ga	rdenin	ıg purp	ose	
Others if any:					NA							
Location(s):					At south east corner of project site							
AreaArea for the storage of waste & other material:					66 m2							
		Area for m	achin	ery:	5 m2							<u> </u>
Budgetary (Capital co		Capital co	st:		Rs. 14 Lakh	1						3
O&M cost)		O & M cos	t:		Rs. 7 Lakh/	Year						Y
			3	87.Ef	fluent C	hare	cter	estic	S			
Serial Number	Paran	neters	U	nit	Inlet E Charect					Efflue eresti		Effluent discharge standards (MPCB)
1	Not app	plicable		lot icable	Not ap	plicabl	e	N	lot ap	plicabl	е	Not applicable
Amount of e (CMD):	ffluent gene	eration	Not a	applica	ble							
Capacity of the ETP: Not applica				applica	able							
Amount of tr recycled :	reated efflue	ent	Not a	applica	ble							
Amount of w				applica		-						
Membership		-		applica								
Note on ETH				applica								
Disposal of t	the ETP slud	lge	· · · · ·	o u	zardous	Mac	to D	otai				
Corrigi			5	0.Па		vv ds		etan	15			
Serial Number	Descr	iption		at	UOM	Exis	5	Proposed To		То		Method of Disposal
1	Not app	plicable		ot cable	Not applicable	N appli	ot cable	No applio		N appli		Not applicable
			3	39.S t	tacks em	issio	n D	etail	S			
Serial Number	Section	& units	F		ed with ntity	Stacl	k No.	Hei fro grou level	und dian		rnal leter n)	Temp. of Exhaust Gases
1	Not app	plicable	ľ	Not apj	plicable	N appli		No No No		N appli		Not applicable
			4	0.De	tails of F	uel	to be	e use	ed			
Serial Number	Тур	e of Fuel			Existing			Prop	osed			Total
1 Not applicable N					Not applicable Not applicable Not applicable							
41.Source o					applicable							
42.Mode of	Transportat	ion of fuel to	site	Not a	pplicable							
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		Total RG a		1,326 m2	1,326 m2					
		No of tree :	s to be cut	33 nos. from	33 nos. from total plot area as per tree cutting NOC					
43.Gree		Number o be planted		240 nos. in net plot area (Existing trees are - 451 nos. & trees to be transplanted are - 47 nos. in total plot area)						
Develop	ment	List of proposed native trees :		Provided	Provided					
		Timeline f completio plantation	n of	NA						
44.Number and list of trees species to be planted in the ground										
Serial Number	Name of	the plant	Commo	on Name	Quar	ntity	Characteristics & ecological importance			
1	Acacia	nilotica	Bak	ohul	1	5	Shady, large deciduous tree, yellow powderpuff flowers.			
2	Khaya	grandis	Moha	agani	15	ō	Large tree, good for roadside plantation			
3	Mesua	ı ferrea	Nag k	Keshar	1	5	Medium sized tree, with pink to red highlight leaves			
4	Pongami	a pinnata	Kai	ranj	15	ō	Shady tree			
5	Saraca	a Indica	Sita A	Ashok	1	ō	Shady tree with red yellow flowers.			
6	Cassia fistula		Bah	lava	10		Medium sized deciduous tree, beautiful yellow flowers, Butterfly host plant.			
7	Mimiuso	ps elengi	Ba	Bakul		C	Shady tree, small white fragrant flowers			
8	Nyctanthus	arbor-tritis	Parij	Parijatak		0	Small Deciduous fast growing tree bears fragrant flowers			
9	0	oemia flos- neae	Taamhan		10		State flower tree of Maharashtra, Medium sized tree, beautiful purple flowers			
10	Murraya	paniculata	Ku	Inti	15		Small tree, Fragrant white flowers, butterfly host tree			
11	Gmelina	arborea	Shi	Shivan		5	Fast growing tree with beautiful yellow flowers.			
12	Bauhinia	racemosa	Ag	ota	15	5	Small tree, fragrant whiteflowers, butterfly host tree			
13	Azadirac	hta indica	Ne	em	20	C	Semi- evergreen tree with medicinal properties			
14	Erythrina	variegata	Pan	gara	20	C	Medium sized deciduous tree, Bright scarlet flowers			
15	Butea mo	onosperma	Pa	las	15	ō	Medium deciduous tree with bright flowers			
16		champaka	Son (Chafa	25		Medium sized evergreen tree, fragrant yellow flowers			
17		otal		-	24	.0	-			
	-		nts on grou				1 1 11 11 11 10 10			
	nber and	list of s	hrubs an	d bushes	s species	to be	planted in the podium RG:			
Serial Number		Name		C/C Dista	nce		Area m2			
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1		NA		NA		NA		
				47.Energ	gy			
		Source of power supply :	r	MSEDCL				
		During Construction Phase: (Demand Load)		148 kW				
		DG set as Power back-up during construction ph	-	1 no. x 50 kVA an	ıd 1 no	. x 125 kVA		
		During Operation phase (Connect load):		2,456 kVA				
require	wer ement:	During Operation phase (Demand load):		2,456 kVA		3		
		Transformer:		4 nos. x 630 kVA				
		DG set as Power back-up during operation phase	_	3 nos. x 500 kVA				
		Fuel used:		Diesel				
		Details of high tension line pas through the plo any:	ion line passing					
		48.Energy	savi	ng by non-co	nven	ntional method:		
LED light &	Solar water							
-		49.De	etail	calculations	& %	of saving:		
Serial Number	E	nergy Conservat	ion M	easures		Saving %		
1	Cor	nmon area lighting	g with i	LED bulbs	24 % of energy saving			
2		Solar Water hea	ting sy	stem	20%,	125 litre/flat (only for top 4 floors of each Block)		
3		Energy efficie				Minimum 3 Star rated pump		
4		Staircase lighting, street lights and l				Street lights and landscape lightings		
		50.Det	ails	of pollution (conti	rol Systems		
Source	Ex	isting pollution	contro	l system		Proposed to be installed		
Not applicable	6	Not applie	cable			Not applicable		
Budgetary		Capital cost:		Rs. 108 Lakh				
(Capital O&M		O & M cost:		Rs. 2 Lakh/year				
51	.Enviro	onmental	Mar	nagement	plaı	n Budgetary Allocation		
		a) Con	stru	ction phase (with	Break-up):		
Serial Number	Attri	butes						



			During the								
1		r for Dust pression	construction phas water will be requi for sprinkling fo suppression of du and for constructi purpose.	red r Ist	4						
2		anitation & afety	Toilet facility provi to the labours	ded				179			
3		onmental nitoring	Ambient air, drink water, noise and s testing on month basis.	soil				3			
4	Disi	nfection	Cleaning and maintaining the si	ite				12			
5	Health	l Check up	Weekly health che up at site and medicines.	eck				12	3	Y	
6	То	tal (A)	-					210	Y		
			b) Operation P	hase	e (wi	th Brea	k-up)):			
Serial Number	Com	Component Description			Capi	ital cost Rs Lacs	5. In		tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Rain Wate	er Harvestin	g 14 nos. of recharg pits	ge	23			1			
2		e Treatment Plant	1 no. of STP havin capacity of 220 m3/day		59			18			
3		nic Waste posting	2 no. of OWC un having total capac 450 kg		14				7		
4	Tree I	Plantation	Landscaping		10				8		
5	Energ	gy saving	LED & Solar	·	108			2			
6		ronment nitoring	Air, Water, Noise, S surface water, ST treated water etc	ΓP	MoEF approved laboratory			1			
7	Sewer li	of Storm & ne upto final osal point	-		21			1			
8]	Гotal	-			235			38		
51.S	torag	e of ch	emicals (infl sub			_	osiv	e/haz	zardou	s/toxic	
	9				orage	Maximum Quantity of Storage		umption	Source of	Means of	
Descri	ption	Status	Location		MT	at any point of time in MT	/ Month in MT		Supply	transportation	
Not app	licable	Not applicable	Not applicable		Not licable	Not applicable	Not aj	pplicable	Not applicable	Not applicable	
		I	52.Any Ot	her	Info	rmation	1				
No Informa	tion Availa	ble	0								

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	53.	53.Traffic Management						
	Nos. of the junction to the main road & design of confluence:	1 no.						
	Number and area of basement:	NA						
	Number and area of podia:	NA						
	Total Parking area:	20,187 m2						
	Area per car:	32 m2						
	Area per car:	32 m2						
Parking details:	Number of 2- Wheelers as approved by competent authority:	Scooters-644 nos. & Cycles – 604 nos.						
	Number of 4- Wheelers as approved by competent authority:	619 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	NA						
	Other Relevant Informations	We have received Environmental Clearance for project from Govt. of Maharashtra file no. SEACIII-2015/CR.107/TC.3 dated 03.12.2016.						
S	Have you previously submitted Application online on MOEF Website.	Yes						
	Date of online submission	14-01-2016						
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS						
	Summorised i	n brief information of Project as below.						
Brief information of the project by SEAC								

K.S. Langets			Name: Konte Ami) D Signature:
K.S.Langote (Secretary	SEAC Meeting No: 70 Meeting Date: September	· · ·	Shri. Anil Kale (Chairman
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Environment Clearance for Expansion of Project "Sobha Elanza" on Survey No. 77/1, Plot no.1 at village Kothrd, Tal Haveli, Dist Pune by by Sobha Ltd.

PP submitted their application for Expansion of Environmental clearance for total plot area of 27,499 Sq. Mtrs, FSI area of 34,394 Sq. Mtrs, Non FSI area of 36,324 Sq.m and BUA of 70,718 Sq. Mtrs. PP proposes to construct total 3 residential buildings with one club house.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit DMP with legible chart.

2) PP to submit redesigned STP & completely open to sky.

3) PP to submit revised site Specific EMP considering maintaing the responsibility during construction & operation phase and emergency response.

4) PP to submit OWC details.

5) PP to submit Parking layout to be revised for the basement and all four levels including the basement with drive way not less than 5 mtrs , parking for entire cars generated by new building as per DCR should be specifically indicated on extra floor provided and parking statement to be provided with equivalent car area.

6) PP to submit section to UGT and it should be relocated and not be below the road level-internal road or drive way. 7) PP to submit affidavit for WTP stating that they will meet ISO norms for water WTP. Same may be included in EMP with cost.

8) PP to submit E-waste NOC, Tree Authority NOC,9) PP to submit Derbies management plan showing all types of solid waste.

10) PP to submit undertaking for implementation of CER.

11) PP to submit undertaking for Tree plantation and protection of existing trees.

12) PP to submit Environmental Status Report.

FINAL RECOMMENDATION

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

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Agenda 70th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 70 Meeting Date September 7, 2018

Subject: Environment Clearance for	Environmental clearance for expansion of residential construction project					
Is a Violation Case: No						
1.Name of Project	The Leaf					
2.Type of institution	Private					
3.Name of Project Proponent	Shree Pushkar Developers					
4.Name of Consultant	Pollution and Ecology Control Services					
5.Type of project	Housing					
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	Previous EC vide no. SEAC-2014/CR417/TC-3 dated 2nd Feb 2017 for plot area 37700 sqm					
8.Location of the project	S. No. 35/20/15/A, 35/20/15/B, 35/20/15/2, 35/20/15/3, 35/20/15/4, 35/20/15/5, 35/20/16/A, 35/20/16/B, 35/20/16/C, 35/20/16/2, 35/20/16/3, 35/20/16/4, 35/20/16/5, 35/20/16/6, 35/20/16/7, 35/20/16/8, 35/20, 35/20A, 35/21, 35/22, Yeolewadi, Pune					
9.Taluka	Haveli					
10.Village	Yeolewadi					
Correspondence Name:	Sunil Barsakar					
Room Number:	0					
Floor:	1					
Building Name:	NA					
Road/Street Name:	NA					
Locality:	Yeolewadi					
City:	Pune					
11.Area of the project	PMC					
	IOD is in process					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number:					
	Approved Built-up Area:					
13.Note on the initiated work (If applicable)	Wing ABC and club house completed, Wing DEF is in progress. Constructed area: FSI: 16523.32 sqm, Non FSI: 16516.91 sqm, Total BUA: 33040.21 sqm					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable					
15.Total Plot Area (sq. m.)	43200 sqm					
16.Deductions	14955.50 sqm					
17.Net Plot area	28244.50 sqm					
	a) FSI area (sq. m.): FSI: 48570.22 sqm as per previous EC FSI: 35199.50 sqm					
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): Non FSI: 54897.02 sqm As per previous EC 38714 sqm					
	c) Total BUA area (sq. m.): 103467					
	Approved FSI area (sq. m.): 28185.69					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 13688.40					
	Date of Approval: 21-10-2016					
19.Total ground coverage (m2)	12278.94 m2					
20.Ground-coverage Percentage (%)						
	43.47%					

22.Number of buildings & its configuration

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Serial number	Buildin	g Name & r	umber	Nu	mber of floors	Height of the building (Mtrs)		
1	Building	1 (Wing A, B	C): 1 no.	P+12 [As p	er previous EC (P +13)]	38.725 m		
2	Building	2 (Wing D,E,	F): 1 no.	P+14 [As p	P+14 [As per previous EC (P +14)] 44.7 n			
3	Building	g 3 (Wing G,F	I): 1 no.		-13 [As per previous EC P+P1+P2+14)]	44.95 m		
4	Buildin	g 4 (Wing I, J): 1 no.	B + P +P1	+13 (Newly Proposed)	44.95 m		
5	Buil	lding 5 (K): 1	no.	P +P1+21	fl [As per previous EC (P+22)]	69.8 m		
6	Bui	lding 6 (L): 1	no.	P +P1+21	fl [As per previous EC (P+22)]	69.8 m		
7	Buil	ding 7 (M): 1	no.	P + P1+7 f	l [As per previous EC (P +6)]	27.35 m		
8	Buil	ding 8 (N): 1	no.	P + P1+7 f	l [As per previous EC (P +6)]	27.35 m		
9	P	odium parkin	g		S +1	4.20 m		
10	Cl	ub house: 1 r	10.	G +1 (As	per previous EC G+1)	7.98m		
11]	EWS building	[P +4F	(Newly Proposed)	14.95 m		
23.Number tenants an	d shops	As per previ Proposed : 1 Total 760 te	22 Teneme	nts	s + 16 EWS tenements)	5		
24.Number of expected residents / users3800 [As per previous EC 3190]								
25.Tenant density per hectare 234/hecter								
26.Height building(s								
27.Right o (Width of t from the n station to t proposed l	the road earest fire	18 m	Â					
for easy ac fire tender movement around the excluding	28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation							
29.Existing		Building 1 (construction		C) and clubho	ouse constructed. Buildin	g 2 (Wing D,E,F) under		
30.Details of the demolition with disposal (If applicable) Not applicable								
			31. F	Product	ion Details			
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not apj	plicable	Not ap	plicable	Not applicable	Not applicable		
32.Total Water Requirement								

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Signature: Action
Signature: Action
S

	Source of water PMC								
	Fresh water (C	C MD):	342 KLD						
	Recycled wate Flushing (CMI		171 KLD						
	Recycled wate Gardening (CM		28 KLD						
	Swimming poo make up (Cum		2 KLD						
Dry season:	Total Water Requirement (:	(CMD)	541 KLD						
	Fire fighting - Underground tank(CMD):		300 KLD						
	Fire fighting - Overhead wate tank(CMD):		270 KLD				3		
	Excess treated	l water	279 KLD						
	Source of wate	er	PMC						
	Fresh water (C	C MD):	342 KLD						
	Recycled water Flushing (CMI		171 KLD						
	Recycled wate: Gardening (CM		0						
	Swimming poo make up (Cum		2 KLD						
Wet season:	Total Water Requirement (:	(CMD)	513 KLD						
	Fire fighting - Underground v tank(CMD):		300 KLD						
	Fire fighting - Overhead wate tank(CMD):		270 KLD						
	Excess treated	l water							
Details of Swimming pool (If any)	m • Water require • Details of Plar Control panel for TCCA (Trichloro								
	33.1	Detail	s of Tota	l water co	nsume	d			
Particula rs Con	sumption (CMD)	I	Loss (CMD)		Eff	fluent (CMD)		
Water Require ment Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic 0	342	342	10	10	10	0	479	479	

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Gardening 0	28	28	0	28	28	0	0	0		
			-							
			Summer season: 22.29 m to 29 m BGL; Rainy season: 5 m to 11.2 m BGL; Winter season: 13.5 m to 20.10 m BGL							
	Size and no o tank(s) and Quantity:	f RWH	Not applicable							
	Location of tl tank(s):	ne RWH	Not applica	ble						
34.Rain Water	Quantity of ropits:	echarge	20							
Harvesting (RWH)	Size of rechar :	rge pits		m x 1.5 m Dep ltation pits of 0				ll via 2		
	Budgetary all (Capital cost)		Rs 12,50,00	0/-			~			
	Budgetary all (O & M cost)		Rs 1,00,000	/- per annum						
	Details of UG if any :	T tanks	Treated Wa	G tank Capacit ter UG tank Ca k Capacity: 30	pacity: 17					
25.01	Natural water drainage patt		As per conte	our	5					
35.Storm water drainage	Quantity of st water:	torm	1363.38 m3	/hr						
	Size of SWD:		600 mm							
Sewage generation in KLD:			479 KLD							
	STP technolo	gy:	MBBR							
Sewage and	Capacity of S (CMD):	TP	1 no. with 530 KLD capacity [As per previous EC 407 KL]							
Waste water	Location & an the STP:	rea of	Refer layout							
	Budgetary all (Capital cost)		n Rs 184,00,000/-							
	Budgetary all (O & M cost):		Rs 14,80,000/- per annum							
	36	.Soli	d waste	e Manag	emen	t				
Waste generation in	Waste genera	tion:	1 % of the r	aw material						
the Pre Construction and Construction phase:	Disposal of th construction debris:		Landfilling on the same site							
	Dry waste:		760kg/day							
	Wet waste:		1140 kg/day							
Waste generalise	Hazardous wa	aste:	Not applicable							
Waste generation in the operation Phase:	Biomedical w applicable):	aste (If	Not applicable							
	STP Sludge (sludge):	Dry	106 kg/day							
	Others if any	;	E-waste: 76	0 kg/year						
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		Dry waste:		Through au	Through authorized vendors						
		Wet waste	;	Mechanized	l composting	g unit					
		Hazardous	waste:	Not applica	Not applicable						
Mode of l of waste:	Disposal	Biomedica applicable	•	Not applica	ble						
		STP Sludge sludge):	e (Dry	Gravity bag	s system- Te	knobag Drai	mad				
		Others if a	ny:	Not applica	ble						
		Location(s):	Please refe	r layout						
Area requirem	ent:	Area for th of waste & material:		OWC 1: 76.	97 sqm; OW	C 2: 73.12 so	Яш				
		Area for m	achinery:	OWC 1: 2.6	sqm; OWC 2	2: 2.28 sqm					
Budgetary		Capital cos	st:	35.50 lakhs							
(Capital co O&M cost)		O & M cost	t:	7,10,000 /a:	nnum						
	•		37.Ef			estics		Y			
Serial Number	Paran	neters	37.Effluent Charecterestics rs Outlet Effluent Charecterestics Unit Inlet Effluent Charecterestics Outlet Effluent Charecterestics					Effluent discharge standards (MPCB)			
1	p	Н	Not applicable	6.5	6.5-8 6-7.5		7.5	Not applicable			
2	BC	DD	mg/l	250-300		<10		Not to exceed 10			
3	CC	DD	mg/l	350-500		<250		Not to exceed 100			
4	Oil and	grease	mg/l	<	50	<10		Not applicable			
5	Suspend	ed solids	mg/l	350-450 <100 Not to exceed 50							
Amount of e (CMD):	effluent gene	eration	Not applica	ble							
Capacity of	the ETP:		Not applica	ble							
Amount of t recycled :	reated efflue	ent	Not applica	ble							
Amount of v	vater send to	o the CETP:	Not applica	ble							
Membership	o of CETP (if	require):	Not applica	ble							
Note on ETI	P technology	to be used	Not applica	ble	ble						
Disposal of	the ETP slud	lge	Not applica	able							
			38.H a	zardous	Waste D	etails					
Serial Number	Descr	iption	Cat	UOM	Existing	Proposed	Total	Method of Disposal			
1	Not app	plicable	Not applicable	Not Not applicable applicable		Not applicable	Not applicable	Not applicable			
			39.St	acks em	ission Do	etails					
Serial Number	Section	& units	Fuel Us Quar	ed with ntity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases			
1	Not app	plicable	Not app	olicable	Not applicable	Not applicable	Not applicable	Not applicable			
			40.De	tails of F	uel to b	e used					



Serial Number	Type of Fuel			Existing	Propose	d	Total	
1	Not	applicable	Ν	Not applicable Not ap		able	Not applicable	
41.Source of	of Fuel		Not a	pplicable				
42.Mode of	Transportat	tion of fuel to s	ite Not a	pplicable				
		-						
		Total RG are	ea:	3819.06 sqn	1			
		No of trees :	to be cut	0				
43.Gree		Number of t be planted :		239				
Develop	ment	List of prop native trees		As per below	v list			
Timeline for completion of plantation :				1 year				
	44.Nu	mber and	list of t	rees spec	cies to be plant	ed in tl	he ground	
Serial Number	Name of the plant Co		Commo	n Name	Quantity	Cha	racteristics & ecological importance	
1	Ailanthu	s excelsa	Maha	arukh	19	Good	for roadside plantation, me	
2		Anthocephalus cadamba		amba	20	Goo	d for roadside plantation, shady	
3	Cassia	Cassia fistula		awa	16	M	fedicinal, host plant for butterflies	
4	Azadirac	Azadirachta indica		em	16		or restoration of drier parts, l for air purifier, medicinal propoerties	
5	Khaya	grandis	Moha	agani	36	Go	od for avenue plantation, ornamental	
6		stromia eginae	Tam	ıhan	31	for	for avenue plantation, good group plantation around gardens and ponds	
7	Murraya	paniculata	Ku	nti	20		Ornamental	
8	pternos	permum	Much	nkund	20	Tall	tree, flowers are fragrant	
9	Saraca	a indica	Sita a	ashok	18	Pread	ing, evergreen, suitable for all types of gardens	
10	Mangife	era indica	Ma	ngo	16	Fruit	bearing, Good for roadside plantation, shady	
11	Acrus	sapota	Chie	ckoo	10	Fruit	bearing, Good for roadside plantation, shady	
12	Muntingi	Muntingia calabura Sin		re cherry	17	Fruit	bearing, rounded canopy, bird attracting	
45	5.Total qua	ntity of plant	s on grou	nd				
46.Num	nber and	list of sh	rubs an	d bushes	species to be p	olanted	in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1	Not	applicable		Not applica	able	No	ot applicable	
				47.En	erav			



	Source of power supply :	MSEDCL				
	During Construction Phase: (Demand Load)	33 KW				
	DG set as Power back-up during construction phase	40 kVA approx				
Power	During Operation phase (Connected load):	3914 KW				
requirement:	During Operation phase (Demand load):	1869 KVA				
	Transformer:	630 KVA x 3				
	DG set as Power back-up during operation phase:	320 KVA x 1				
	Fuel used:	Diesel				
	Details of high tension line passing through the plot if any:	Not applicable				
	48.Energy savi	ng by non-conventional method:				

Timers and contactors will be used to switch on / off common are & external landscape and facade lighting.
T5 fluorescent lamps (cfl) with high frequency ballast will be used for corridors and common areas & EXTERNAL ROAD

LIGHTS.

• All fluorescent light fixtures are specified to incorporate electronic chokes which have less watt-loss compared to electro-magnetic chokes and result in superior operating power factor. This indirectly saves energy. Electronic chokes also improves life of the fluorescent lamps.

• Energy efficient cfl/t5/led lamps which give approx. 30% more light output for the same watts consumed and therefore require less nos. Of fixtures and corresponding lower point wiring costs.

• 125 Ltr. Solar water heating is provided for Each flat

• Solar PV panel system is proposed for Street lighting & Building common load.

49.Detail calculations & % of saving:										
Serial Number	Е	nergy Cons	ervation M	easures	Saving %					
1		Solar	water heater	ſ		1093853.75 kwh/year				
2	Auto coi	ntrol of stree	t light and L	ED in buildi.	ng	8386.24 kwh/year				
3	LED	energy effic	ient lamps-	street light		13000 kwh/year				
50.Details of pollution control Systems										
Source	rce Existing pollution control system Proposed to be installed									
Not applicable	Not applicable Not applicable									
	allocation	Capital cos	st:	Rs 158,00,0	000/-					
	cost and cost):	O & M cos	t:	Rs 14,00,00)0/- pe	r annum				
51.Environmental Management plan Budgetary Allocation										
a) Construction phase (with Break-up):										
Serial Number	Serial Attributes Parameter Total Cost per annum (Rs. In Lacs)									

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1	Erosion control Dust suppresion barricading							Rs 5000	0/-		
2	Site saftey		Safety equipment ear muffs, sign boa etc					Rs 27,000/-			
3	Site s	anitation	Mobile toilets an maintenance	d	Rs 80,			Rs 80,00	0/-		
4		ection and check up	Disinfection of wat periodic medical ch up for workers				Η	Rs 1,00,0	00/-		
5		onmental nitoring	Air, water, noise, s monitoring	oil			I	Rs 3,24,0	00/-		
		b) Operation Pl	hase	(wi	th Breal	k-up):			
Serial Number	Com	ponent	Description		Capi	tal cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)	
1		STP	Construction, Installation and operation		Rs	184,00,000	/-		Rs 14,80,	000/-	
2		d waste agement	OWC installation a operation	.nd	Rs	s 35,50,000/	-		Rs 7,10,0	000/-	
3	Storm wa	ater network	Upto final disposal			Rs 20,00,000/-		RS 1,00,000/-		000/-	
4	Rain wate	er harvesting	Construction and installation		Rs 12,50,000/-		Rs 1,00,000/-				
5	Lan	ldscape	Planting of trees, maintenance of lawn		Rs 25,00,000/-		Rs 16,00,000/-				
6	E	nergy	Installation and operation		Rs 1,58, 00,000/-		Rs 14,00,000/-				
7	Swim	ming pool	Installation and maintenance),	Rs 40,00,000/-		-		Rs 3,00,0)00/-	
8		onmental nitoring	Air, water, noise, s monitoring	oil	0				Rd 1,60,0	000/-	
9		afety and areness	fire safety awarene programmes	ess	R	s 9,00,000/-			0		
10		pply through anker	In case of emerger	псу	0 Rs			Rs 12	Rs 12,00,000/- (for 3 months)		
51.S	torag	e of che	micals (infl			-	osiv	e/haz	zardou	s/toxic	
			sub	stai	nce	-					
	\sim	<u>}</u> }				Maximum Quantity of					
Descri	ption	Status	Location	Storage Capacity in MT		Storage at any point of time in MT	/ Mo	umption onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applicable	No applic		Not applicable	Not aj	pplicable	Not applicable	Not applicable	
			52.Any Ot	her l	Info	rmation	l				
No Informa	tion Availa	ble									
			53.Traffi	c Ma	anag	gement					

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	Nos. of the junction to the main road & design of confluence:	1				
	Number and area of basement:	1 nos (Below Wing G,H,I,J) 3089.19 Sq.m.				
	Number and area of podia:	1 no. Area: 3061.16 sqm				
	Total Parking area:	31486.59 Sq.m.				
	Area per car:	Covered: 30.70 sqm; Open: 25.92 sqm basement :38.66 sqm				
	Area per car:	Covered: 30.70 sqm; Open: 25.92 sqm basement :38.66 sqm				
Parking details:	Number of 2- Wheelers as approved by competent authority:	1336				
	Number of 4- Wheelers as approved by competent authority:	759				
	Public Transport:	Not applicable				
	Width of all Internal roads (m):	6 m				
	CRZ/ RRZ clearance obtain, if any:	Not applicable				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable				
	Category as per schedule of EIA Notification sheet	Category 8 a B2				
	Court cases pending if any	yes				
	Other Relevant Informations	Not applicable				
	Have you previously submitted Application online on MOEF Website.	Yes				
9	Date of online submission	03-03-2017				
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS						
	Summorised in brief information of Project as below.					
Brief information of the project by SEAC						



Environment Clearance for Environmental clearance for expansion of residential construction project, The Leaf at S. No. 35/20/15/A, 35/20/15/B, 35/20/15/2, 35/20/15/3, 35/20/15/4, 35/20/15/5, 35/20/16/A,35/20/16/B, 35/20/16/C, 35/20/16/2, 35/20/16/3, 35/20/16/4, 35/20/16/5, 35/20/16/6, 35/20/16/7,35/20/16/8, 35/20, 35/20A, 35/21, 35/22, Yeolewadi, Pune by M/s. Shree Pushkar Developers.

PP submitted their application for Expansion of Environmental clearance for total plot area of 43200 Sq. Mtrs, FSI area of 48570.22 Sq. Mtrs, Non FSI area of 54897.02 Sq.m and total BUA of 103467 Sq. Mtrs. PP proposes to construct total 9 buildings, 1 Podium parking with one club house.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit site specific EMP.

2) PP to submit undertaking for disposal of solid waste (Derbies management plan) .

3) PP to submit revised DMP.

4) PP to submit justification for built up area.

5) PP to submit undertaking for implementation of CER.

SHACE

FINAL RECOMMENDATION

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



Agenda 70th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 70 Meeting Date September 7, 2018

Subject: Environment Clearance for proposed construction project by M/s Apex Builders

		1 . 1	I. J. J. J. J. J. I. J. I.						
Is a Violati	on Case: No								
1.Name of Pi	roject	Apostrophe							
2.Type of ins	-	Private							
3.Name of Pi	roject Proponent	Mr. Bharat Agarwal							
4.Name of Co	onsultant	JV Analytical Services							
5.Type of pro	oject	Residential & Commercial							
6.New project project/mode in existing p	ct/expansion in existing ernization/diversification roject	Not applicab	e						
whether envi	n/diversification, ironmental clearance ained for existing	Not applicable							
8.Location of	f the project	Gat. No. 703,	704 & 705 Plot No:- A Moshi, Pune						
9.Taluka		Haveli							
10.Village		Moshi							
Corresponde	nce Name:	Mr. Dilip Aga	rwal and Gopal Agarwal						
Room Numb	er:	1st Adams co	urt						
Floor:		2nd Floor							
Building Nar	ne:	Kasturi Hous	ing						
Road/Street	Name:	Mahabaleshv	var						
Locality:		Baner							
City:		Pune							
11.Area of th	le project	Pimpri Chinc	hwad Municipal Corporation						
		Applied							
	Concession/Plan		ncession/Plan Approval Number:	_					
Approval Nu	mber		uilt-up Area: 29409.18						
13.Note on t applicable)	he initiated work (If	12841.61 m2							
	C / IOD from MHADA/ vals (If applicable)	Not Applicab	le						
15.Total Plot	t Area (sq. m.)	9292.15 m2							
16.Deduction	ns	930.90 m2							
17.Net Plot a	area	8361.25 m2							
		a) FSI area	(sq. m.): 12835.73 m2						
18 (a).Proposition Non-FSI)	sed Built-up Area (FSI &	b) Non FSI a	area (sq. m.): 16573.45 m2						
11011-1 51)		c) Total BU	A area (sq. m.): 29409.18						
		Approved FS	SI area (sq. m.):						
18 (b).Appro DCR	ved Built up area as per	Approved N	on FSI area (sq. m.):						
DCK		Date of App							
19.Total ground coverage (m2) 1492.50 m2									
20.Ground-co	overage Percentage (%) ntage of plot not open	16.06 % of th	e 9292.15 m2 Total Plot Area, 17.84	1% of the 8361.25 m2 Net Plot Area					
21.Estimated	l cost of the project	60000000							
	22.Num	ber of l	ouildings & its co	nfiguration					
Serial number	Building Name &	number	Number of floors	Height of the building (Mtrs)					
hote	-			Name: Kart Amin D					

K.S.Langote (Secretary SEAC-III)

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

1		Building A			P+12	34.80		
2		Building B			P+12		34.80	
3		Building C			2p+11		31.90	
4		Building D			2p+11		31.90	
5	com	mercial Build	ding		Ground		-	
23.Number tenants an		Residential	-176 nos.					
24.Number of expected residents / users Residential Users- 880 nos. Commercial Users – 50 nos. Total Population: 930Nos.							opulation: 930Nos.	
25.Tenant per hectar	Tenant density 189.40							
26.Height building(s)								
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)								
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation								
29.Existing structure		Not Applica	ble					
30.Details demolition disposal (I applicable	with f	Not Applica	ble	S				
			31.F	roduct	ion Detai	ls		
Serial Number							Total (MT/M)	
1 Not applicable Not applicable Not applicable Not applicable						Not applicable		
		3	2.Tota	l Wate	r Require	ment		
	Si							

frote			Name: Kart Amir D
K.S. Langots	SEAC Martine No. 70 Martine Data Santambar		Signature: Ach
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		Source of v	water	PCMC							
		Fresh wate	er (CMD):	144.91							
		Recycled w Flushing (41.35							
		Recycled w Gardening		13.2							
		Swimming make up (2.14							
Dry seasor	1:	Total Wate Requireme :	-	81.84							
		Fire fightin Undergrou tank(CMD)	nd water	300							
		Fire fightin Overhead v tank(CMD)	water	20				3			
		Excess trea	ated water	58.89							
		Source of v		PCMC							
		Fresh wate		131.71							
Recycled water - Flushing (CMD):				41.35							
Recycled water - Gardening (CMD):				-							
		Swimming make up ((2.14	2.14						
Wet seaso	n:	Total Wate Requireme :		81.84							
		Fire fightin Undergrou tank(CMD)	nd water	300							
		Fire fightin Overhead v tank(CMD)	water	20							
		Excess trea	ated water	72.09							
Details of pool (If an		Total water Make up wa Details of P Details of q Capital cost	Requiremen iter requiren lant & Mach								
		3	3.Detail	s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	MD)		Loss (CMD)		Ef	ffluent (CM	D)		
Water Require ment	Existing	Proposed	Total	Existing Proposed Total Existing Proposed Tota					Total		
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		



	Level of the Ground water table:	• Pre-Monsoon: - 8.20 m BGL • Post Monsoon: - 4.20 m BGL						
1	Size and no of RWH tank(s) and Quantity:	-						
	Location of the RWH tank(s):	-						
34.Kain water	Quantity of recharge pits:	4						
Harvesting (RWH)	Size of recharge pits :	1.5 m x1.5 m x 1.5m						
	Budgetary allocation (Capital cost) :	Rs. 1.92 Lakh						
	Budgetary allocation (O & M cost) :	Rs. 0.72 Lakh/year						
	Details of UGT tanks if any :	Domestic UG tank Capacity: 90000 Lit Flushing UG tank Capacity:49200 Lit Fire UG tank Capacity: 300000 Lit						
	Natural water drainage pattern:	-						
drainado	Quantity of storm water:	2784.42 m3 /yr						
9	Size of SWD:	450 mm dia. pipe						
	Sewage generation in KLD:	113.44 m3/day						
5	STP technology:	MBBR						
	Capacity of STP (CMD):	115 m3/day						
Waste water	Location & area of the STP:	75 m2						
1	Budgetary allocation (Capital cost):	Rs. 57.43 Lakh						
	Budgetary allocation (O & M cost):	Rs.8.27 Lakh / Year						
		d waste Management						
Wubte generation in	Waste generation:	30 kg/day						
and Construction	Disposal of the construction waste debris:	Use for Leveling.						
	Dry waste:	269.00 kg/day						
	Wet waste:	183.50 kg/day						
1	Hazardous waste:	Not Applicable						
Waste generation	Biomedical waste (If applicable):	Not Applicable						
6	STP Sludge (Dry sludge):	10.20 kg/day (100% dry)						
	Others if any:	No						



		Dry waste:		Authorized	vende	r					
		Wet waste		Organic wa	iste coi	nverto	r				
		Hazardous	waste:		Not Applicable						
Mode of a of waste:	Disposal	Biomedica applicable			Not Applicable						
STP Sludg sludge):		STP Sludg sludge):	e (Dry	Used as Ma	anure a	after tr	reatment in (OWC			
		Others if a	ny:	No	No						
		Location(s):	-							
Area requirem	ent:	Area for th of waste & material:		42 m2							
		Area for m	achinery:	3.30 m2							
Budgetary		Capital cos	st:	Rs. 17.44 L	akh						
(Capital co O&M cost)		O & M cos	t:	Rs.2.76 Lal	kh / Ye	ar					
			37.E	ffluent C	hare	cter	estics			7	
Serial Number	Paran	neters	Unit	Inlet E Charect			Outlet Charect		×	Effluent discharge standards (MPCB)	
1	Not ap	plicable	Not applicable	Not ap	plicabl	е	Not ap	plicabl	e	Not applicable	
Amount of effluent generation Not applica				able							
Capacity of the ETP: Not applica				able							
Amount of treated effluent recycled : Not applicable											
Amount of v	water send to	o the CETP:	Not applic	able	V						
Membershi	p of CETP (if	f require):	Not applic								
Note on ET	P technology	v to be used	Not applic	able							
Disposal of	the ETP sluc	lge	Not applie	able							
			38.H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	Not apj	plicable	Not applicable	Not applicable	N appli	ot cable	Not applicable		ot cable	Not applicable	
			39.5	tacks em	issio	n D	etails				
Serial Number	Section	& units		sed with antity	Stacl	k No.	Height from ground level (m)	dian	rnal leter n)	Temp. of Exhaust Gases	
1		320 KVA -1 os	HSD - 4	2.6 lit./hr	S-	1	6.5 M		per ms	As per norms	
			40.D	etails of I	Fuel	to be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1		HSD		Not applicabl	le	HS	SD - 42.6 lit./	/hr		HSD - 42.6 lit./hr	
41.Source o	of Fuel		Bha	rat Petroleum	l corpo	ration	limited/Hind	dustan	Petro	leum	
42.Mode of	Transportat	ion of fuel to	site by r	oadway							

hote			Name: Kore Ani) D
K.s. Langets			Signature: Ach
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		Total RG a	rea :	930.90 m2						
43.Green Belt		No of trees	s to be cut	-						
			Number of trees to be planted :							
Develop	ment	List of pro native tree		120 Nos	120 Nos					
		Timeline for completion plantation	ı of	Mid of construction						
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	d in the ground			
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance			
1		ephalusc mba	Kad	amb	1	1	Native, evergreen, gives shade, flowers, mythological value & wound healing medical use			
2	Terminali	ia catappa	Bac	lam	1	0	Fruits is edible tasting slightly, Herbal Medicine Use			
3	Bauhinia Purepurea		Kan	Kanchan 1		2	Native, attracts birds and insects, medicinal value			
4	Plume	Plumeria alba		Champa 08		8	Native, evergreen, for beautiful fragrant flowers			
5	Plumeri	a arubra	Laalchafa		1	0	Anti-oxidative &proteolytic activities medicine use & fragrant flowers			
6	Callistemo	on vminalis	Weeping E	Bottlebrush	0	5	Native, for shade, medicinal value, attracts birds & insects			
7	Weepi	ing Fig	Ficusbe	nj amina	0	8	Evergreen tree, nonflowering, Native, can bepruned and given topiary effect			
8	Apple Blos	som Cassia		avanica	0	4	Medicinal value, Native species			
9	Putra	a-Jiva	Putranjiva	rox burghii	1	5	Medicinal value, Native species			
10	Plume	ria alba	Jack	fruit	0	7	Huge fruit bearing tree attracts birds			
11	Mangife	ra indica	Ма	ngo	1	0	Evergreen with huge canopy and fruit bearing tree			
12	Bauhinia	Bauhinia tomentosa Yellow H		Bauhinia	1	0	Small tree known to have antimicrobial activity			
45	.Total qua	ntity of plan	its on grou	nd						
46.Num	nber and	list of sl	nrubs an	d bushes	s species	to be pl	anted in the podium RG:			
Serial Number		Name		C/C Dista	ince		Area m2			
1		-		-			-			
				47.Er	nergy					



		Source of power supply :	MSEDCL					
		During Construction Phase: (Demand Load)	40 KW					
		DG set as Power back-up during construction phase	100 KVA - 1 No.					
Der		During Operation phase (Connected load):	1190 KW					
Pov require		During Operation phase (Demand load):	1071 KW					
		Transformer:	630 KVA -2 NOS					
		DG set as Power back-up during operation phase:	320 KVA - 1 Nos					
		Fuel used:	HSD					
Details of high tension line passing through the plot if any:			No	- COP				
48.Energy saving by non-conventional method:								
Optimum bu Use of ener Daylight cu Timer contr	uilding orien gy efficient o m occupancy ol external l	devices y sensors in parking area ighting ating for all tenements	lighting					
		49.Detail	calculations	& % of saving:				
Serial Number	E	nergy Conservation M	easures Saving %					
1	Total KWH	units saving per day tow lighting	vards internal area 70.02					
2	Total KW	'H units saving per day to area lighting	owards external	84.25				
		50.Details	of pollution o	control Systems				
Source	Ex	isting pollution contro	l system	Proposed to be installed				
Air	5	-		Green belt will be provided.				
Water		-		STP will be installed & excess treated water used for flushing & gardening				
Noise		-	Noise monitoring will be done in once a fortnight Traffic management plan to be prepared. Acoustica enclosed DG set will be brought & installed.					
Solid Waste		-		Wet Waste will be treated in OWC. STP sludge will be Used as Manure after treatment in OWC Dry Waste will be given to SWACH				
Budgetary		Capital cost:	Rs. 16.00 Lakh					
(Capital O&M		O & M cost:	Rs. 0.40 Lakh/yea	r.				

hote			Name: Kare Amil D
K.s. Langots			Signature: Ach
K.S.Langote (Secretary	SEAC Meeting No: 70 Meeting Date: September	Page 27	Shri. Anil Kale (Chairman
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		Construction	haaa (-						
0 1	a)	Construction p	nase (v	with Bre	ак-ир):				
Serial Number	Attributes	Parameter	P (
1	Air Environment	Water for Dust Suppression, Air & Noise Monitoring	Ζ	0.50 Lakh/Year					
2	Water Environment	Tanker Water for Construction, Wate Monitoring			0.50 Lakh/	Year			
3	Land Environment	Site Sanitation -Mobile toilets			0.50 Lakh/	Year			
4	Socio-economic	Disinfection- Pest Control, First Aid Facilities, Health Check Up, Creches For Children, Food f children, Personal Protective Equipmen	5 For	1.0 Lakh/Year					
	l	o) Operation Ph	ase (wi	th Brea	k-up):				
Serial Number	Component	Description	Cap	Capital cost Rs. In Lacs		Operational and Maintenan cost (Rs. in Lacs/yr)			
1	STP	Sewage treatment plant	;	57.43 Lakh		57.43 Lakh			
2	RWH	Rain Water Harvesting		1.92 Lakh		0.72 Lakh/Year			
3	MSW	Solid Waste Management		17.44 Lakh		2.76 Lakh/Year			
4	Energy Saving	Energy Saving		75.00 Lakh		1.4 Lakh/Year			
5	Landscaping	Landscaping		15.00 Lakh		0.60 Lakh/Year			
6	Safety Equipment	Safety Equipment		10.00 Lakh		2.00 Lakh/Year			
7	Post EC Monitoring	Post EC Monitoring	g	-		2.50 Lakh,			
8	Dry Waste Management	Dry Waste Management		-		1.30 Lakh/Year			
51.S	torage of che			-	osive/haz	zardou	s/toxic		
		subs	stance	es)	1				
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 app	licable Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable		
		52.Any Oth	ner Info	ormation	1				
o Informa	tion Available								
		53.Traffic	Mana	gement					



	Nos. of the junction to the main road & design of confluence:	-				
	Number and area of basement:	Na				
	Number and area of podia:	Na				
	Total Parking area:	8690.67 m2				
	Area per car:	49.37 m2				
	Area per car:	49.37 m2				
Parking details:	Number of 2- Wheelers as approved by competent authority:	370				
	Number of 4- Wheelers as approved by competent authority:	185				
	Public Transport:	NA				
	Width of all Internal roads (m):	7.5 m				
	CRZ/ RRZ clearance obtain, if any:	NA				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA				
	Category as per schedule of EIA Notification sheet	B2				
	Court cases pending if any	NO				
	Other Relevant Informations	-				
	Have you previously submitted Application online on MOEF Website.	No				
9	Date of online submission	-				
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS						
Summorised in brief information of Project as below.						
Brief information of the project by SEAC						

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 70 Meeting Date: September 7, 2018	Page 29	Name: Kare Amir D Signature: Jo- Shri. Anil Kale (Chairman SEAC-III)
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Environment Clearance for proposed construction project at Gat. No. 703,704 & 705 Plot No: - A Moshi, Pune by M/s Apex Builders.

PP submitted their application for prior Environmental clearance for total plot area of 9292.15 Sq. Mtrs, FSI area of 12835.73 Sq. Mtrs, Non FSI area of 16573.45 Sq.m and total BUA of 29409.18 Sq. Mtrs. PP proposes to construct total 4 residential buildings and 1 commercial building.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit area for accommodation of extra no of cars & two wheelers should be clearly indicated.

2) PP to submit parking layout plan.

3) PP to submit energy saving calculations/percentage along with terrace plan.

4) PP to submit undertaking for implementation of CER

Sil

FINAL RECOMMENDATION

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

conditions



Ag	genda 70th Meeting of SEAC-3 (Day-2)				
SEAC Mee	eting number: 70 Meeting Date September 7, 2018				
Subject: Environment Clearance for	r Proposed Residential Project				
Is a Violation Case: No					
1.Name of Project	Expansion of Residential Project				
2.Type of institution	Private				
3.Name of Project Proponent	M/s. Viraj Properties				
4.Name of Consultant	Enviro Analysts and Engineers Pvt. Ltd.				
5.Type of project	Housing Project				
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable				
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable				
8.Location of the project	S. No. 571/2				
9.Taluka	Haveli				
10.Village	Bibwewadi				
Correspondence Name:	Mr. Manish Vimalkumar Jain				
Room Number:	2413				
Floor:	NA				
Building Name:	Kumar Capital				
Road/Street Name:	East Street				
Locality:	Camp				
City:	Pune				
11.Area of the project	Pune Municipal Corporation				
× 0	NA				
12.IOD/IOA/Concession/Plan	IOD/IOA/Concession/Plan Approval Number: NA				
Approval Number	Approved Built-up Area: 29995				
13.Note on the initiated work (If applicable)	24,440.28 Sq.m of total construction area is completed as per previous EC dated 13.10.2016				
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA				
15.Total Plot Area (sq. m.)	19,710.70 Sq.m.				
16.Deductions	2926.07 Sq.m.				
17.Net Plot area	16784.63 Sq.m.				
	a) FSI area (sq. m.): 27677.41				
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 14552.25				
	c) Total BUA area (sq. m.): 42229				
	Approved FSI area (sq. m.):				
18 (b).Approved Built up area as per	Approved Non FSI area (sq. m.):				
DCR	Date of Approval:				
19.Total ground coverage (m2)	2321.31				
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	11.7				
21.Estimated cost of the project	65000000				
	ber of buildings & its configuration				
Serial number Building Name & 1					
K.S. Langets	Name: Kare Amir D. Signature:				

K.S.La	ngote	(Secr	retary
SEAC-	III)		

1		A2-A3		P+20 floors			69.9		
2		В			P+11 floors		69.9		
3		A1		P+20 floors			69.9		
4		A4			P+20 floors		69.9		
5		С			Ground		69.9		
6		D			UP+LP+G+1		69.9		
23.Number tenants an		410 flats							
24.Number expected r users		2000 nos.							
25.Tenant per hectar		215 teneme	nts/ha						
26.Height building(s)							3		
27.Right o (Width of t from the n station to t proposed b	the road earest fire	12 m wide and 18 m wide road							
28.Turning for easy ac fire tender movement around the excluding for the pla	from all building the width	Minimum 9	m		000	5			
29.Existing structure		Building B,	A2, A3, and	C are constr	ructed as per previo	ous EC			
30.Details of the demolition with disposal (If applicable) NA									
31.Production Details									
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (MT/	'M)	Total (MT/M)		
1	Not app	plicable	Not app	plicable	Not applicable	plicable Not applicable			
	32.Total Water Requirement								



		Source of	water	PMC						
		Fresh wate	er (CMD):	160						
		Recycled w Flushing (80						
		Recycled w Gardening		9						
		Swimming make up (12.72						
Dry seasor	1:	Total Wate Requireme :		249						
		Fire fightin Undergrou tank(CMD	ind water	450						
		Fire fightin Overhead tank(CMD	water	-				3		
		Excess trea	ated water	105						
		Source of	water	PMC						
		Fresh wate	er (CMD):	160						
		Recycled w Flushing (80						
		Recycled v Gardening		0						
		Swimming make up (12.72						
Wet seaso	n:	Total Wate Requireme :		240						
		Fire fightin Undergrou tank(CMD	ind water	450						
		Fire fightin Overhead tank(CMD	water	-						
		Excess tre	ated water	114						
Details of Swimming pool (If any) Details of quality to be achieved for swimming pool 7.1-7.5, chlorine level: 1-3 ppm					orrection, alu	im addition (max. dosing	flow : 1-6		
		3	3.Detail	s of Tota	l water o	consume	d			
Particula rs	Cons	sumption (C	CMD)		Loss (CMD))	Ef	fluent (CM	D)	
Water Require ment	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	

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 70 Meeting Date: September 7, 2018		Name: Kare Ani D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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	Level of the Ground water table:	11 m		
	Size and no of RWH tank(s) and Quantity:	NA		
	Location of the RWH tank(s):	NA		
	Quantity of recharge pits:	11 nos.		
34.Rain Water	Size of recharge pits :	2 m x 2 m, Depth: 1.5 m		
Harvesting (RWH)	Budgetary allocation (Capital cost) :	Rs. 44 lac		
	Budgetary allocation (O & M cost) :	Rs. 0.44 lac		
	Details of UGT tanks if any :	UG tanks: Domestic water tanks: 9 nos. with total of 119 KLD Flushing water tank: 9 nos. with total of 82 KLD Fire water tank: 3 nos. with total of 450 KLD Overhead tanks: Domestic water tanks: 9 nos. with total of 80 KLD Flushing water tank: 9 nos. with total of 40 KLD Fire water tank: 3 nos. with total of 180 KLD		
	Natural water drainage pattern:	Natural slope towards north		
35.Storm water drainage	Quantity of storm water:	0.259 cum/sec		
	Size of SWD:	1 m (D) x 0.4 m (W) for buildings A,C,D and 1.2 m (D) x 0.4 m (W) for building B		
	Sewage generation in KLD:	215 cum/ day		
	STP technology:	SMBR		
Sewage and	Capacity of STP (CMD):	2 nos., 125 CMD and 115 CMD		
Waste water	Location & area of the STP:	Underground		
	Budgetary allocation (Capital cost):	Rs. 46.75 Lac		
SY	Budgetary allocation (O & M cost):	Rs. 11 lac		
	36.Solie	d waste Management		
Waste generation in	Waste generation:	Quantity of top soil to be preserved; the same shall be preserved during landscaping		
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction debris, waste concrete and broken bricks will be utilized in low land leveling, secondary concrete shall be used below roads. Some quantity shall be used for leveling and landscaping.		
	Dry waste:	360 kg/ day		
	Wet waste:	540 kg/ day		
	Hazardous waste:	NA		
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA		
r flase;	STP Sludge (Dry sludge):	8 kg/day		
	Others if any:	NA		
	5			

Mode of Disposal of waste: Wet waste: This will be processed in composter to obtain manure Hazardous waste: NA Biomedical waste (II of waste): NA STP Studge (Dry sibilge): To be used as manure Others If any: NA Area or the storage of waste & other material: Ground level Area for the storage of waste & other material: B sq. m. Budgetary allocation (Capital cost and O&M cost): Rs. 37 lac Serial Number Capital cost: Rs. 3.7 lac O&M cost): Rs. 8.95 lac Serial Number of relluent generation (CMD): Not applicable applicable Not applicable Not applicable Not applicable 1 Not applicable Mount of reated effluent (Perycled : Not applicable Not applicable Amount of treated effluent (Perycled : Not applicable Not applicable Not applicable Note on ETP technology to be used Number Not applicable Not applicable Not applicable Membership of CETP (Frequite): Not applicable Not applicable Not applicable Not applicable Note on ETP technology to be used Not applicable Not applica			Dry waste:		This will be	collec	ted by	authorized	vendo	r	
Mode of Disposal of waste: Hazardous waste: NA Biomedical waste (II of waste): Biomedical waste (II sTP Sludge): NA STP Sludge (Dry sludge): To be used as manure Others if any: NA Area requirement: Iocation(s): Ground level Area requirement: Area for the storage of waste & other material: Sq. m. Budgetary allocation (Capital cost and O&M cost): Rs. 37 lac Of M cost: Rs. 37 lac Capital cost and O&M cost): Not applicable Number Parameters Unit Inhet Effluent Characterestics Monum of fiftuent generation (CMD): Not applicable Not applicable Not applicable Amount of water send to the CETP: Not applicable Amount of water send to the CETP: Not applicable Mombership of CETP (if requiro): Not applicable Momber Ship of cettal effluent Not applicable Serial Description Cat Number Section & units Fuel Used with Quantity Not applicable Not applicable Mout applicable Not applicable Not applicable Not appl			-				5				inure
Mode of Disposal of waste: Biomedical waste (If applicable): NA String requirement: String area for the storage of waste & other material: To be used as manure Area requirement: Area for the storage of waste & other material: Ground level Area for machinery: 4.8 sq. m. Budgetary allocation (Capital cost and 0&M cost): Capital cost: Rs. 37 lac Capital cost: Rs. 3.95 lac Serial Number Parameters Unit Inlet Effluent Not applicable Not applicable Not applicable Not applicable Amount of water send to the CETP: Not applicable Not applicable Not applicable Amount of water send to the CETP: Not applicable Not applicable Not applicable Membership of CETP (if require): Not applicable Not applicable Not applicable Serial Description Cat UOM Existing Proposed Total Method of Disposal (CMD): Not applicable Not applicable Not applicable Not applicable Not applicable Mout of water send to the CETP: Not applicable Not applicable Not applicable Not applicable N	-										
No be used as manure Others if any: NA Location(s): Cound level Area for the storage of waste & other requirement: Area for the storage of waste & other parametrial: Budgetary allocation (O&M cost): Capital cost: Rs. 37 lac Capital cost: Rs. 37 lac Capital cost: Rs. 37 lac Other String Other String Serial Number Parameters Unit Intercetorestics String intercetorestics Serial Number Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Area for machinery: As g.m. Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Serial Serial Not applicable 1 Not applicable Not applicable Not applicable 1 Not applicable Not applicable					NA						
Area requirement: Location(s): Ground level Area requirement: Area for the storage of waste & other material: 8 sq. m. Budgetary allocation (Capital cost and O&M cost): Capital cost: Rs. 37 lac Budgetary allocation (Capital cost and O&M cost): Capital cost: Rs. 37 lac Serial Number Parameters Unit Inlet Effluent Charecterestics Outlet Effluent Charecterestics Effluent discharge standards (MPCB) 1 Not applicable Not applicable Not applicable Not applicable Amount of effluent generation (CMD): Not applicable Not applicable Not applicable Amount of treated effluent recycled : Not applicable Not applicable Not applicable Membership of CETP (If require): Not applicable Not applicable Not applicable Membership of CETP (If require): Not applicable Not applicable Not applicable Japont of the ETP sludge Not applicable Not applicable Not applicable Japont of the ETP sludge Not applicable Not applicable Not applicable Japont of the ETP sludge Not applicable N				e (Dry	To be used	as mai	nure				
Area requirement: Area for the storage of waste & other material: 8 sq. m. Budgetary allocation (Capital cost and OckM cost): Capital cost: Rs. 37 lac Budgetary allocation (Capital cost and OckM cost): Capital cost: Rs. 37 lac Serial Number Parameters Unit Inlet Effluent Charecterestics Outlet Effluent discharge standards (MPCB) 1 Not applicable Not applicable Not applicable Not applicable Not applicable Amount of effluent generation (CMD): Not applicable Not applicable Not applicable Not applicable Amount of water send to the CETP: Not applicable Not applicable Not applicable Not applicable Membership of CETP (if require): Not applicable Not applicable Not applicable Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable applicable applicable Not applicable Serial Not applicable Not applicable Method of Disposal of the ETP sludge Not applicable applicab			Others if a	ny:	NA						
Altea requirement: of waste & other material: 6 sq. m. Area for machinery: 8 sq. m. 4.8 sq. m. Budgetary allocation (Capital cost and O&M cost): Capital cost: Rs. 37 lac 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 Not applicable Not applicable Not applicable Amount of water send to the CETP: Not applicable Not applicable Not applicable Amount of vater send to the CETP: Not applicable Not applicable Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable Not applicable Not applicable Not applicable Internal Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicab			Location(s):	Ground lev	el					
Budgetary allocation (Capital cost and O&M cost): Capital cost: Rs. 37 lac 0 & M cost: Rs. 8.95 lac Serial Number Parameters Unit Intel 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 Not applicable Not applicable Amount of treated effluent recycled : Not applicable Not applicable Not applicable Amount of water send to the CETP: Not applicable Not applicable Not applicable Not applicable Note on ETP technology to be used Not applicable Not applicable Not applicable Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable Not applicable </th <th></th> <th>ent:</th> <th>of waste &</th> <th></th> <th colspan="4">8 sq. m.</th> <th></th>		ent:	of waste &		8 sq. m.						
Capital cost and O& M cost: Rs. 8.95 lac Serial Number Parameters Unit Inlet Effluent Charecterestics Outlot Effluent Charecterestics Effluent discharge standards (MPCB) 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Amount of effluent generation (CMD): Not applicable Not applicable Not applicable Not applicable Amount of treated effluent recycled : Not applicable Not applicable Not applicable Not applicable Membership of CETP (if require): Not applicable Not applicable Iterations Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable Not applicable Not applicable Not applicable			Area for m	achinery:	4.8 sq. m.						
O&M cost: O & M cost: Rs. 8.95 lac 37.Effluent Charecterestics Outlot Effluent Charecterestics Outlot Effluent Charecterestics Effluent discharge standards (MPCB) 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Amount of effluent generation (CMD): Not applicable Not applicable Not applicable Not applicable Not applicable Amount of treated effluent recycled : Not applicable Not applicable Not applicable Mot applicable Membership of CETP (if require): Not applicable Not applicable Mot applicable Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal Serial Number Section & units Fuel Used with Quantity Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not app			Capital cos	st:	Rs. 37 lac						
Serial NumberParametersUnitInlet Effluent CharecteresticsOutlet Effluent CharecteresticsEffluent discharge standards (MPCB)1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableAmount of effluent generation (CMD):Not applicableNot applicableNot applicableNot applicableCapacity of the ETP: Amount of treated effluent recycled :Not applicableNot applicableInternat Amount of treated effluent recycled :Not applicableAmount of water send to the CETP: Membership of CETP (if require):Not applicableInternat applicableInternat applicableDisposal of the ETP sludgeNot applicableNot applicableInternat applicableMethod of Disposal 1Not applicableNot applicableNot applicableSerial NumberDescriptionCatUOMExistingProposedTotal1Not applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicable </td <td></td> <td></td> <td>O & M cos</td> <td>t:</td> <td>Rs. 8.95 lac</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td>			O & M cos	t:	Rs. 8.95 lac	2					
NumberParametersUnitCharecteresticsCharecteresticsstandards (MPCB)1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableAmount of effuent generation (CMD):Not applicableNot applicableNot applicableNot applicableCapacity of the ETP:Not applicableNot applicableNot applicableAmount of treated effluent recycled :Not applicableNot applicableImplicableAmount of water send to the CETP: Not applicableNot applicableImplicableImplicableAmount of water send to the CETP: Not applicableNot applicableImplicableImplicableMembership of CETP (if require): Disposal of the ETP sludgeNot applicableImplicableImplicableNot applicableNot applicableNot applicableImplicableImplicableSerial NumberDescriptionCatUOMExistingProposedTotalMethod of Disposal1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableStack No.Not applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable				37.Ef	fluent C	hare	cter	estics			7
1 Not applicable Not applicable Not applicable Not applicable Amount of effluent generation (CMD): Not applicable Not applicable Not applicable Capacity of the ETP: Not applicable Not applicable Image: Second Se		Paran	neters	Unit						· · · · · · · · · · · · · · · · · · ·	Effluent discharge standards (MPCB)
INITIAL INITIAL INITIAL 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 Jisposal of the ETP sludge Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable	1	Not ap	plicable		Not ap	plicabl	е	Not apj	plicabl	le	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 Serial Number Not applicable 1 Not applicable Serial Number Not applicable Serial Number Section & units Fuel Used with Quanity Not applicable Not applicable Internal diameter (m) Temp. of Exhaust Gases 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable <		cable									
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 Serial Number Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable Stack No. Height from ground level (m) Internal (ameter (m)) Temp. of Exhaust Gases 1 Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Fuel Used with Quantity Stack No. Height from ground level (m) Internal (m) Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable Serial Number Temp. of Exhaust Gases Serial Type of Fuel	Capacity of the ETP: 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 Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Internal diameter (m) Internal diameter (m) Internal diameter (m) Internal diameter (m) Reserver Section & units 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 Internal from ground liameter (m) Internal diameter (m) Internal diameter (m) Not applicable Serial Not applicable Serial Not applicable Not applicable N	Amount of v	vater send to	o the CETP:	Not applica	able	5					
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 <t< td=""><td>Membership</td><td>p of CETP (if</td><td>f require):</td><td>Not applica</td><td>able</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Membership	p of CETP (if	f require):	Not applica	able						
38.Hazardous Waste DetailsSerial NumberDescriptionCatUOMExistingProposedTotalMethod of Disposal1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableSerial NumberSection & unitsFuel Used with QuantityStack No.Height from ground level (m)Internal diameter (m)Temp. of Exhaust Gases1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable2Serial NumberType of FuelExistingProposed <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
Serial NumberDescriptionCatUOMExistingProposedTotalMethod of Disposal1Not applicableNot <td>Disposal of</td> <td>the ETP sluc</td> <td>lge</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Disposal of	the ETP sluc	lge								
NumberDescriptionCatUOMExistingProposedTotalMethod of Disposal1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableSection & unitsFuel Used with QuantityStack No.Height from ground level (m)Internal diameter (m)Temp. of Exhaust Gases1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable2Serial NumberType of FuelExistingProposedTotal				38.H a	zardous	Was	ste D	etails			
I Not applicable Serial Number Section & units Fuel Used with Quantity Stack No. Height from ground level (m) Internal diameter (m) 1 Not applicable Not applicable </th <th></th> <th>Descr</th> <th>iption</th> <th>Cat</th> <th>UOM</th> <th>Exis</th> <th>ting</th> <th>Proposed</th> <th>То</th> <th>tal</th> <th>Method of Disposal</th>		Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
Serial NumberSection & unitsFuel Used with QuantityStack No.Height from ground level (m)Internal diameter (m)Temp. of Exhaust Gases1Not applicableNot app	1	Not apj	plicable								Not applicable
Serial NumberSection & unitsFuel Used with QuantityStack No.from ground level (m)Internal diameter (m)Temp. of Exhaust Gases1Not applicable <td></td> <td></td> <td></td> <td>39.S</td> <td>tacks em</td> <td>issio</td> <td>n De</td> <td>etails</td> <td></td> <td></td> <td></td>				39.S	tacks em	issio	n De	etails			
I Not applicable Not applicable applicable applicable applicable applicable Not applicable AU.Details of Fuel to be used Serial Number Type of Fuel Existing Proposed Total		Section	& units			Stacl	k No.	from ground	dian	neter	
Serial NumberType of FuelExistingProposedTotal	1	Not apj	plicable	Not ap	plicable						Not applicable
Number Type of Fuel Existing Proposed Total	40.Details of Fuel to be used										
		Тур	e of Fuel		Existing			Proposed			Total
1 Not applicable Not applicable Not applicable Not applicable	1	Not	applicable	1	Not applicabl	e	Ν	Not applicabl	е		Not applicable
41.Source of Fuel Not applicable	41.Source o										
42.Mode of Transportation of fuel to site Not applicable	42.Mode of	Transportat	ion of fuel to	site Not a	applicable						



		Total RG a	rea :	6262.14				
		No of trees to be cut :		NA				
43.Gree		Number of be planted		252				
Develop	ment	List of pro native tree		enclosed be	elow			
		Timeline for completion plantation	1 of	till construc	ction phase			
	44.Nu	mber and	l list of t	rees spe	cies to be	e plante	d in the gro	ound
Serial Number	Name of	the plant	Commo	n Name	Quan	tity		tics & ecological oortance
1	Alstonia	scholaris	Devi	l tree	31		rapidly	growing tree
2	Mimusop	os ellengii	Spanisł	n cherry	31		ever	green tree
3	Mangife	ra indica	Ма	ngo	igo 31		dense and f	ruit bearing tree
4		tromea ciosa			31		flowe	ering tree
5	Khaya	grandis	Ivy G	ourd 31		rapidly	growing tree	
6		narckia amba	Kad	amb	amb 35		an evergreen tropical t	
7	Swietenia	mahagoni	Maho	ogany	31		semi-ev	ergreen tree
8		oermum folium	Kanak	champa	champa 31		31 angiosperm in Southeas	
45	.Total qua	ntity of plan	its on grou	nd	Ż			
46.Num	nber and	list of sl	nrubs an	d bushes	species	to be pl	anted in the	e podium RG:
Serial Number		Name		C/C Dista	nce		Area m	2
1		-		-			-	
			6	47.Eı	nergy			
	Si	C						


		Source of p supply :	power	MSEDCL					
		During Con Phase: (De Load)		100 kna app	100 kna approximately				
		DG set as H back-up du constructio	ıring	-					
Pov	MOR	During Ope phase (Con load):		4844 kW	4844 kW				
require		During Ope phase (Der load):		1243 kW					
		Transform	er:	-					
		DG set as H back-up du operation J	iring	180 KW and	d 128 k	W	~ ~ ~		
		Fuel used:		HSD					
		Details of I tension lin through th any:	e passing	NA					
		48.Ene	rgy savi	ng by no	n-coi	ventional me	ethod:		
	FD for lift loa	ad							
3. Solar wat 4. Solar net total saving		0	9.Detail	calculati	ons	& % of saving	:		
4. Solar net	metering in percenta	0			ons	& % of saving	: Saving %		
4. Solar net total saving Serial	metering in percenta	49 Cnergy Conse		easures	ons	&% of saving			
4. Solar net total saving Serial Number	metering in percenta	49 Cnergy Conse percenta	ervation M age of saving	easures gs		& % of saving	Saving % 8		
4. Solar net total saving Serial Number	metering in percenta F	49 Cnergy Conse percenta	ervation Mo age of saving Details	easures gs of polluti		ontrol System	Saving % 8		
4. Solar net total saving Serial Number 1	metering in percenta F	49 Energy Conse percenta 50. isting pollut	ervation Mo age of saving Details	easures gs of polluti		ontrol System Prope	Saving % 8 15		
4. Solar net total saving Serial Number 1 1 Source Not applicable Budgetary	metering in percenta Ex allocation	49 Energy Conse percenta 50. isting pollut	age of saving Details tion contro applicable	easures gs of polluti I system	ion c	ontrol System Prope	Saving % 8 1S osed to be installed		
4. Solar net total saving Serial Number 1 1 Source Not applicable Budgetary (Capital	metering in percenta Ex	49 Energy Conse percenta 50. isting pollut Not a	ervation Mo age of saving Details tion contro applicable st:	gs of polluti I system for solar hor Lakhs	ion c t water	ontrol System Prope	Saving % 8 IS osed to be installed Not applicable		
4. Solar net total saving Serial Number 1 3 Source Not applicable Budgetary (Capital O&M	metering in percenta F Ex allocation cost and cost):	49 Energy Conse percenta 50. isting pollut Not a Capital cos O & M cost	ervation Me age of saving Details tion contro applicable st:	gs of pollution l system for solar hor Lakhs r solar hor v 0.83 Lakhs	ion c t water water s per an	ontrol System Prope ⁻ system - Rs. 26.40 ystem - Rs. 1.05 lak	Saving % 8 1S osed to be installed Not applicable lakhs, for solar PV - Rs. 20.60		
4. Solar net total saving Serial Number 1 3 Source Not applicable Budgetary (Capital O&M	metering in percenta F Ex allocation cost and cost):	49 cnergy Conse percenta 50. isting pollut Not a Capital cost 0 & M cost Onment	ervation Mo age of saving Details tion contro applicable st: t: cal Mar	gs of polluti l system for solar hor Lakhs r solar hot v 0.83 Lakhs	ion c t water water s per an	ontrol System Prope ⁻ system - Rs. 26.40 ystem - Rs. 1.05 lak	Saving % 8 8 1S 0 Sed to be installed Not applicable lakhs, for solar PV - Rs. 20.60 ths per annum, for solar PV - Rs tary Allocation		
4. Solar net total saving Serial Number 1 3 Source Not applicable Budgetary (Capital O&M	metering in percenta E E allocation cost and cost):	49 cnergy Conse percenta 50. isting pollut Not a Capital cost 0 & M cost Onment	ervation M age of saving Details tion contro applicable st: t: cal Mar Construe	gs of polluti l system for solar hor Lakhs r solar hot v 0.83 Lakhs	ion c t water water s per an	ontrol System Propo • system - Rs. 26.40 ystem - Rs. 1.05 lak num Dian Budge vith Break-up	Saving % 8 8 1S 0 Sed to be installed Not applicable lakhs, for solar PV - Rs. 20.60 ths per annum, for solar PV - Rs tary Allocation		
4. Solar net total saving Serial Number 1 Source Not applicable Budgetary (Capital O&M 51	metering in percenta Ex allocation cost and cost): .Enviro	49 Energy Conse percenta 50. iisting pollut Not a Capital cos 0 & M cost 0 mment a)	ervation Me age of saving Details tion contro applicable st: t: cal Mar Construc Paran Water sp	easures gs of polluti l system for solar hor Lakhs r solar hot v 0.83 Lakhs nageme ction pha	ion c t water water s per an	ontrol System Propo • system - Rs. 26.40 ystem - Rs. 1.05 lak num Dian Budge vith Break-up	Saving % 8 1S osed to be installed Not applicable lakhs, for solar PV - Rs. 20.60 ths per annum, for solar PV - Rs tary Allocation):		
4. Solar net total saving Serial Number 1 Source Not applicable Budgetary (Capital O&M 51	metering in percenta E E allocation cost and cost): .Enviro Attri Air envi	49 cnergy Conse percenta 50. isting pollut Not a Capital cost 0 & M cost O & M cost Onment a)	ervation Mage of saving Details of Details of tion contro applicable st: cal Mar Construct Paran Water sp sys Water for	easures gs of polluti l system for solar hor Lakhs r solar hot v 0.83 Lakhs nageme ction pha meter	ion c t water water s per an	ontrol System Propo • system - Rs. 26.40 ystem - Rs. 1.05 lak num Dian Budge vith Break-up	Saving % 8 8 1S 0 sed to be installed Not applicable lakhs, for solar PV - Rs. 20.60 ths per annum, for solar PV - Rs tary Allocation): r annum (Rs. In Lacs)		

hote			Name: Kart Amil D
K.s. Langets			Signature: Della
K.S.Langote (Secretary	SEAC Meeting No: 70 Meeting Date: September	Page 37	Shri. Anil Kale (Chairman
SEAC-III)	7, 2018	of 101	SEAC-III)

3	Noise er	nvironment	Site bar	ricating	ſ				3.6		
4	Land en	vironment	Mobil	le STP					0.6		
5		economic ronment	Disinfec con	tion pes trol	t	0.24					
6		economic ronment	First-aid	facilitie	s	0.36					
7		economic ronment	Health o	check-up)				0.28		
8		economic ronment	Personal equip	protecti [.] oment	ve				0.2		
9	External Infrastructure		Laydown o upto e munnicipa	xisting		2.0					
]	o) Operat	ion P	hase	e (wi	th Brea	k-up):		
Serial Number	Component Description			Capi	ital cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)		
1	water er	nvironment	S	ГР			46.75			11	
2	water er	nvironment	Rainwater	harvest	ing		4.4			0.44	
3	Energ	y saving	Solar wat	ter heate	er		26.4			1.05	
4		d waste Igement		Solid waste management		37			8.95		
5		vironment	Landscaping			18		1.6			
51.S	torage	e of cho	emicals	(infl sub			-	osiv	/e/haz	zardou	s/toxic
Description		Status	Location		Cap	rage acity MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation
Not app	Not applicable Not applicable		Not applica	Not applicable		lot icable	Not applicable	Not applicable		Not applicable	Not applicable
			52.A	ny Ot	her	Info	rmation	1			
No Informa	tion Availal	ble	·								
			53.	Traffi	ic M	anag	gement				
	53.Traffic Management Nos. of the junction to the main road & design of confluence: Vehicular entries and exit from proposed 12 m wide road along with internal road of 12 m, 9 m and 6 m wide drive ways with 7.5 m turning radius										



	Number and area of basement:	NA		
	Number and area of podia:	NA		
	Total Parking area:	1658 sq. m.		
	Area per car:	-		
	Area per car:	-		
Parking details:	Number of 2- Wheelers as approved by competent authority:	907		
	Number of 4- Wheelers as approved by competent authority:	473		
	Public Transport:	NA		
	Width of all Internal roads (m):	12 m, 9 m, 6 m drive ways and 7.5 m turning radius		
	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) Category B		
	Court cases pending if any	NA		
	Other Relevant Informations	said project has been received EC dated 13.10.2016		
	Have you previously submitted Application online on MOEF Website.	Yes		
	Date of online submission	27-01-2018		
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS		
5	Summorised i	n brief information of Project as below.		
Brief information of the project by SEAC				



Environment Clearance for Proposed Residential Project S. No. 571/2 at S. No. 571/2, Bibwewadi by M/s. Viraj Properties.

PP submitted their application for prior Environmental clearance for total plot area of 19,710.70 Sq. Mtrs, FSI area of 27677.41 Sq. Mtrs, Non FSI area of 14552.25 Sq.m and total BUA of 42,229 Sq. Mtrs. PP proposes to construct total 6 residential buildings.

DECISION OF SEAC

PP remains absent.

SEAC decided to deferred the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

K.s. Langet	K.S.Langote (Secretary SEAC Meeting No: 70 Meeting Date: September Page 40 Shri. Anil Kale (Chairman	SEAC-III) 7, 2018 of 101 SEAC-III)		J J J	Page 40	Signature: A
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SEAC Meeting number: 70 Meeting Date September 7, 2018

Subject: Environment Clearance for Proposed Residential Project at S. No. 571/2, Bibwewadi, Haveli , Pune by M/s. Viraj Properties (we are submitting the proposal at SEIAA level due to very minor change in previous EC)

· · · · · · · · · · · · · · · · · · ·				
Is a Violation Case: No				
1.Name of Project	Expansion of Residential Project			
2.Type of institution	Private			
3.Name of Project Proponent	M/s. Viraj Properties			
4.Name of Consultant	Enviro Analysts and Engineers Pvt. Ltd.			
5.Type of project	Housing Project			
6.New project/expansion in existing project/modernization/diversification in existing project	Not applicable			
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable			
8.Location of the project	S. No. 571/2			
9.Taluka	Haveli			
10.Village	Bibwewadi			
Correspondence Name:	Mr. Manish Vimalkumar Jain			
Room Number:	2413			
Floor:	NA			
Building Name:	Kumar Capital			
Road/Street Name:	East Street			
Locality:	Camp			
City:	Pune			
11.Area of the project	Pune Municipal Corporation			
	CC/3083/17			
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: CC/3083/17			
	Approved Built-up Area: 27677			
13.Note on the initiated work (If applicable)	24,440.28 Sq.m of total construction area is completed as per previous EC dated 13.10.2016			
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA			
15.Total Plot Area (sq. m.)	19,710.70 Sq.m.			
16.Deductions	2926.07 Sq.m.			
17.Net Plot area	16784.63 Sq.m.			
	a) FSI area (sq. m.): 27677.41			
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 24760.88			
	c) Total BUA area (sq. m.): 52438			
	Approved FSI area (sq. m.): 27677			
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 24760.88			
	Date of Approval: 21-02-2011			
19.Total ground coverage (m2)	7520.48 Sq. m.			
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	38			
21.Estimated cost of the project	65000000			
22 Mum	her of huildings & its configuration			

22.Number of buildings & its configuration

	Signature: Signature: Shri. Anil Kale (Chairman
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Serial number	Buildin	ıg Name & ı	number N	lumber of floors	Height of the building (Mtrs)		
1		A2-A3		P+20 floors	69.9		
2		В		P+11 floors	69.9		
3		A1		P+20 floors	69.9		
4		A4		P+20 floors	69.9		
5	C -	community h	nall	Ground	69.9		
6	Ι	O - club hous	e	UP+LP+G+1	69.9		
23.Number tenants an		410 flats					
24.Number expected r users		2000 nos.					
25.Tenant per hectar		215 teneme	nts/ha		<u>~</u>		
26.Height building(s)					-OY		
27.Right o (Width of the from	the road earest fire the						
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation							
29.Existing structure		Building B, A2, A3, and C are constructed as per previous EC					
30.Details of the demolition with disposal (If applicable)							
			31.Produc	ction Details			
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)		
1	Not ap	plicable	Not applicable	Not applicable	Not applicable		
		3	2.Total Wat	er Requiremer	nt		



		Source of	water	PMC							
		Fresh wate	er (CMD):	185							
		Recycled w Flushing (92							
		Recycled w Gardening		23.6							
		Swimming make up (3							
Dry seasor	1:	Total Wate Requireme :		303.6							
		Fire fightin Undergrou tank(CMD	ind water	300							
		Fire fightin Overhead tank(CMD	water	180				3			
		Excess trea	ated water	83.40							
		Source of	water	PMC							
		Fresh wate	er (CMD):	185							
		Recycled v Flushing (92							
		Recycled v Gardening		0							
		Swimming make up (3							
Wet season:		Total Water Requirement (CMD) :		280.0							
		Fire fightin Undergrou tank(CMD	ind water	300							
		Fire fightin Overhead tank(CMD	d water 180								
		Excess tre	ated water	107							
Details of Swimming		 Dimension of Swimming Pool: 12 m x 6 m x 1.2 m Total water Requirement in KL: 86.40 m3 Water requirement for make up in KLD: 3 KLD Details of Plant & Machinery used for treatment of Swimming pool water: Pressure sand filter (flow rate 14 cum/hr), dosing pump for chlorination, pH correction, alum addition (max. dosing flow: 1-6 lph) Details of quality to be achieved for swimming pool water and parameters to be monitored: NA pH 701-7.5, chlorine level: 1-3 ppm 									
		3	3.Detail	s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	EMD)	I	Loss (CMD)		Ef	fluent (CM	D)		
Water Require ment	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		

K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 70 Meeting Date: September 7, 2018		Name: Kare Apir D Signature: Signature: Shri. Anil Kale (Chairman SEAC-III)
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	Level of the Ground water table:	11 m				
	Size and no of RWH tank(s) and Quantity:	NA				
	Location of the RWH tank(s):	NA				
34.Rain Water	Quantity of recharge pits:	11 nos.				
Harvesting (RWH)	Size of recharge pits :	2 m x 2 m, Depth: 1.5 m				
	Budgetary allocation (Capital cost) :	Rs. 4.4 lac				
	Budgetary allocation (O & M cost) :	Rs. 0.44 lac				
	Details of UGT tanks if any :	Domestic UGT: 2 nos. with total of 130 KLD Flushing UGT: 2 nos. with total of 82 KLD Fire UGT: 2 nos. with total of 300 KLD				
	Natural water drainage pattern:	Natural slope towards north				
35.Storm water drainage	Quantity of storm water:	0.259 cum/sec				
	Size of SWD:	1 m (D) x 0.4 m (W) for buildings A,C,D and 1.2 m (D) x 0.4 m (W) for building B				
	•					
	Sewage generation in KLD:	221 cum/ day				
	STP technology:	SMBR				
Courses and	Capacity of STP (CMD):	240 KLD - 2 nos -125 KLD 115 KLD				
Sewage and Waste water	Location & area of the STP:	112 sq. m. (42 Sq. m. +70 sq. m.), 2 locations				
	Budgetary allocation (Capital cost):	Rs. 46.75 Lac				
	Budgetary allocation (O & M cost):	n Rs. 11 lac				
	36.Soli	d waste Management				
Waste generation in	Waste generation:	Quantity of top soil to be preserved; the same shall be preserved during landscaping				
the Pre Construction and Construction phase: Disposal of the construction waste debris:		Construction debris, waste concrete and broken bricks will be utilized in low land leveling, secondary concrete shall be used below roads. Some quantity shall be used for leveling and landscaping.				
	Dry waste:	369 kg/ day				
	Wet waste:	554 kg/ day				
Wasta ganaration	Hazardous waste:	NA				
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA				
I HUSU	STP Sludge (Dry sludge):	8 kg/day				
	Others if any:	NA				
Just		Name: Kart Anij D				

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		Dry waste:		This will be	e collec	ted by	authorized	vendo	r		
		Wet waste				0	n composter			nure	
		Hazardous		NA	-						
Mode of a of waste:	Disposal	Biomedica applicable		f NA							
	STP Sludge (Dry sludge):			To be used as manure							
		Others if any: NA									
		Location(s	Ground level								
Area requirem	ent:	Area for th of waste & material:	15 sq. m.								
		Area for m	achinery:	4.8 sq. m.							
Budgetary		Capital cos	st:	Rs. 37 lac							
(Capital co O&M cost)		O & M cos	t:	Rs. 8.95 lac	C						
			37.E	ffluent C	hare	cter	estics			7	
Serial Number	Paran	neters	Unit		Inlet Effluent Charecterestics		Outlet Charect		r	Effluent discharge standards (MPCB)	
1	Not ap	plicable	Not applicable	e Not ap	Not applicable Not applicable		e	Not applicable			
Amount of e (CMD):	effluent gene	eration	Not applie	cable							
Capacity of	the ETP:		Not applie	cable							
Amount of t recycled :	reated efflue	ent	Not applie	cable							
Amount of v	vater send to	o the CETP:	Not applie	cable	<u>,</u>						
Membershij	p of CETP (if	require):	Not applie	cable							
Note on ETI	P technology	v to be used	Not applie	cable							
Disposal of	the ETP sluc	lge	Not applie	cable							
			38. H	azardous	Was	ste D	etails				
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal	
1	Not apj	plicable	Not applicable	Not applicable	N appli	ot cable	Not applicable		ot cable	Not applicable	
		71	39.5	Stacks em	issio	n De	etails				
Serial Number	Section	& units		Jsed with antity	Stacl	k No.	Height from ground level (m)	Internal diameter (m)		Temp. of Exhaust Gases	
1	Not apj	plicable	Not a	pplicable	N appli	ot cable	Not applicable		ot cable	Not applicable	
			40.D	etails of H	Fuel	to be	e used				
Serial Number	Typ	e of Fuel		Existing			Proposed			Total	
1	Not	applicable		Not applicabl	le	Ν	Not applicabl	е		Not applicable	
41.Source o	f Fuel		Not	applicable							
42.Mode of	Transportat	ion of fuel to	site Not	applicable							



		Total RG a	rea :	1971.07				
		No of trees	s to be cut	NA				
43.Gree		Number of be planted		252				
Develop	ment	List of pro native tree		enclosed below				
		Timeline for completion of plantation :		till construction phase				
	44.Nu	mber and	l list of t	rees spe	cies to be	e plante	d in the ground	
Serial Number	Name of the plant Commo		n Name	Quan	tity	Characteristics & ecological importance		
1	Alstonia	scholaris	Devi	l tree	31		rapidly growing tree	
2	Mimusop	os ellengii	Spanish	n cherry	31		ever green tree	
3	Mangife	ra indica	Ma	ngo	31		dense and fruit bearing tree	
4		tromea ciosa	Giant cra	pe-myrtle	31		flowering tree	
5	Khaya	grandis	Ivy G	Gourd	31		rapidly growing tree	
6		narckia amba	Kad	amb	35		an evergreen tropical tree	
7	Swietenia	mahagoni	Maho	ogany	31		semi-evergreen tree	
8		oermum folium	Kanak (champa	31		angiosperm indigenous to Southeast Asia	
4 5	.Total qua	ntity of plan	its on groui	nd				
46.Num	nber and	list of sl	nrubs an	d bushes	species	to be pl	anted in the podium RG:	
Serial Number		Name		C/C Dista	nce		Area m2	
1		-		-			-	
		<u> </u>	6	47.Eı	nergy			
	Si	C						



		Source of	nower								
		supply :	ponei	MSEDCL							
		During Con Phase: (De Load)		100 kva app	proximately						
		DG set as l back-up du construction	uring	-							
	Power requirement: During Opera phase (Connel load): During Opera phase (Dema load):			4844 kW							
				1243 kW							
		Transform	er:	-							
			Power uring phase:	1 no. x 250	kVA and 1no. x	160kV	A			5	
		Fuel used:		HSD							
			high le passing le plot if	NA							
		48.Ene	ergy savi	ng by no	n-conventio	onal	met	hod:			
 Use of LED for flat lighting, common area lighting of A1 t lighting Use of VFD for lift load Solar water heaters Solar net metering 					A4 bdg., Extern	nal ligh	nting o	f A1 to	o A4 bo	lg. and I) wing
4. Solar net	metering	ure- 7 5 %									
4. Solar net		0	9 Detail	calculati	ons & % of	savi	na.				
4. Solar net	t metering	0		\mathbf{X}	ons & % of	savi	ng:	Saviı	1g %		
4. Solar net total saving Serial	t metering	4 Energy Conse		easures	ons & % of				1g % Itage s	aving	
4. Solar net total saving Serial Number	t metering	49 Energy Conse Total Per	ervation M	easures	ons & % of		Total I	Percen	-	aving	
4. Solar net total saving Serial Number	t metering 1 in percenta E	49 Energy Conse Total Per	ervation Mo recentage sav .Details	easures ing of polluti		Syst	Total I t ems	Percen	itage s	aving stalled	
4. Solar net total saving Serial Number 1	t metering 1 in percenta E	49 Energy Conse Total Per 50 cisting pollu	ervation Mo recentage sav .Details	easures ing of polluti		Syst	Total I tems ropos	Percen Ged to	itage s	stalled	
4. Solar net total saving Serial Number 1 Source Not applicable Budgetary	t metering in percenta E E T allocation	49 Energy Conse Total Per 50 cisting pollu Not	ervation Mo reentage sav .Details tion contro applicable	easures ing of polluti I system		Syst	Total I tems ropos	Percen ed to fot app	itage s be ins	stalled	
4. Solar net total saving Serial Number 1 Source Not applicable Budgetary (Capital	t metering in percenta E	49 Energy Conse Total Per 50 cisting pollu Not	ervation M reentage sav .Details tion contro applicable st:	easures ing of pollut I system for solar ho	ion control	Syst P Rs. 20	Total I tems ropos N 5.40 la	Percent ed to fot app khs	be ins	stalled	
4. Solar net total saving Serial Number 1 1 Source Not applicable Budgetary (Capital O&M	allocation cost and cost):	49 Energy Conse Total Per 50 disting pollu Not Capital cos 0 & M cost	ervation M reentage sav .Details tion contro applicable st: t:	easures ing of polluti I system for solar ho r solar hot y	ion control	Syst P Rs. 20 s. 1.05	Total I tems ropos N 5.40 la 5 lakhs	Percent ed to fot app khs s per a	be ins	talled	 on
4. Solar net total saving Serial Number 1 1 Source Not applicable Budgetary (Capital O&M	allocation cost and cost):	49 Energy Conse Total Per 50 disting pollu Not Capital cose 0 & M cose Onment	ervation M reentage sav .Details tion contro applicable st: t: tal Mar	easures ing of polluti I system for solar ho r solar hot w	ion control t water system - water system - F	Syst P Rs. 20 Rs. 1.05 Bud	Total I tems ropos N 5.40 la 5 lakhs get	Percent ed to fot app khs s per a ary	be ins	talled	 ON
4. Solar net total saving Serial Number 1 1 Source Not applicable Budgetary (Capital O&M	Example to the second s	49 Energy Conse Total Per 50 disting pollu Not Capital cose 0 & M cose Onment	ervation M reentage sav .Details tion contro applicable st: t: tal Mar Construe	easures ing of polluti I system for solar ho r solar hot w	ion control t water system - water system - F ent plan l se (with B	Syst P Rs. 20 Rs. 1.05 Bud reak	Total I tems ropos N 5.40 la 5 lakhs get -up)	Percent ed to fot app khs s per a ary	be insolicable	talled	
4. Solar net total saving Serial Number 1 3 Source Not applicable Budgetary (Capital O&M 51	in percenta in percenta Ex allocation cost and cost): .Envire Attri	49 Energy Conse Total Per 50 cisting pollu Not Capital cos 0 & M cost 0 mment a)	ervation M rcentage sav Details tion contro applicable st: t: tal Man Construe Paran Water sp	easures ing of polluti l system for solar ho r solar hot w nageme ction pha	ion control t water system - water system - F ent plan l se (with B	Syst P Rs. 20 Rs. 1.05 Bud reak	Total I tems ropos N 5.40 la 5 lakhs get -up)	Percent ed to fot app khs s per a ary	be insolicable	talled	
4. Solar net total saving Serial Number 1 Source Not applicable Budgetary (Capital O&M 51	metering in percenta in percen	49 Energy Conse Total Per 50 disting pollu Not Capital cose 0 & M cose	ervation Marcentage sav Details tion contro applicable st: tal Mar Construe Parar Water sp sys Water for	easures ing of polluti l system for solar ho r solar hot w hageme ction pha meter prinkling	ion control t water system - water system - F ent plan l se (with B	Syst P Rs. 20 Rs. 1.05 Bud reak	Total I tems ropos N 5.40 la 5 lakhs get -up)	Percent ed to fot app khs s per a ary	be insolicable	talled	
4. Solar net total saving Serial Number 1 Source Not applicable Budgetary (Capital O&M 51 Serial Number 1	Example 2 metering Tenering Te	49 Energy Conse Total Per 50 disting pollu Not Capital cos 0 & M cost 0 & M cost	ervation M rcentage sav .Details tion contro applicable st: t: tal Man Construe Paran Water sp sys Water fo	easures ing of polluti I system for solar ho r solar hot w nageme ction pha neter prinkling tem	ion control t water system - water system - F ent plan l se (with B	Syst P Rs. 20 Rs. 1.05 Bud reak	Total I tems ropos N 5.40 la 5 lakhs get -up)	Percent ed to ot app khs s per a ary	be insolicable	talled	

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4	Land er	ivironment	Mobil	e STP		0.6					
5		economic ronment		tion pest trol				0.24			
6		economic ronment	First-aid	facilities				0.36			
7		economic ronment	Health o	check-up				0.28			
8		economic ronment	Personal p equip	protective ment	e			0.2			
9		ternal structure	Laydown of upto e munnicipal	xisting				2.0			
		1) Operat	ion Ph	ase (wi	th Breal	k-up):			
Serial Number	Component Descr			iption	Сарі	tal cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)	
1	water ei	nvironment	S	ГР		46.75			11		
2	water ei	nvironment	Rainwater harvesting		ng	4.4			0.44		
3	Energ	y saving	Solar wat	Solar water heater		26.4			1.05		
4		d waste agement		waste jement		37		8.95			
5	land en	vironment	Lands	caping		18			1.6		
51.8		e of che	emicals		amabl stance	S) Maximum	DSÍV	e/haz	zardou	s/toxic	
			Location Ca				Consumptior / Month in MT				
Descri	ption	Status	Location	n	Storage Capacity in MT	Quantity of Storage at any point of time in MT	/ Me	onth in	Source of Supply	Means of transportatior	
Descri Not app	_	Status Not applicable	Location Not applica	able	Capacity in MT Not	of Storage at any point of time in	/ Mo	onth in			
	_	Not	Not applica	able	Capacity in MT Not applicable	of Storage at any point of time in MT Not	/ Mo	onth in MT	Supply	transportation	
Not app	_	Not applicable	Not applica	able	Capacity in MT Not applicable	of Storage at any point of time in MT Not applicable	/ Mo	onth in MT	Supply	transportation	
Not app	licable	Not applicable	Not applica 52.A	able ny Oth	Capacity in MT Not applicable	of Storage at any point of time in MT Not applicable	/ Mo	onth in MT	Supply	transportation	



	Number and area of basement:	NA
	Number and area of podia:	Lower + Upper Level Parking Area 3411.10 + 3411.10 sq. m
	Total Parking area:	1658 sq. m.
	Area per car:	-
	Area per car:	-
Parking details:	Number of 2- Wheelers as approved by competent authority:	901
	Number of 4- Wheelers as approved by competent authority:	465
	Public Transport:	NA
	Width of all Internal roads (m):	12 m, 9 m, 6 m drive ways and 7.5 m turning radius
	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) Category B
	Court cases pending if any	NA
	Other Relevant Informations	said project has been received EC dated 13.10.2016
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-01-2018
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
	Summorised in	n brief information of Project as below.
	Brief informa	tion of the project by SEAC



Environment Clearance for Proposed Residential Project S. No. 571/2 at S. No. 571/2, Bibwewadi by M/s. Viraj Properties

PP submitted their application for prior Environmental clearance for total plot area of 19,710.70 Sq. Mtrs, FSI area of 27677.41 Sq. Mtrs, Non FSI area of 14552.25 Sq.m and total BUA of 42,229 Sq. Mtrs. PP proposes to construct total 6 residential buildings.

DECISION OF SEAC

PP remains absent.

SEAC decided to deferred the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

K.S.Langote (Secretary SEAC Meeting No: 70 Meeting Date: September 7, 2018
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SEAC Meeting number: 70 Meeting Date September 7, 2018

Subject: Environment Clearance for Housing Project "Velstand ", Survey No 8/3+9/1/1+9/1/19, Shop No 3, Velstand Building next to Vodafone store, Opp. Reliance Mart Kharadi Pune 411014

Is a Violation Case: No	
4. M	" Velstand "
1.Name of Project	
2.Type of institution	Private
3.Name of Project Proponent	Mr. Surendra Bapusaheb Pathare
4.Name of Consultant	Mrs. Anuja Karhu Goldfinch Engineering System Private Limited Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area, MIDC (Wagle Estate), Thane (W) – 400 604., Maharashtra, India. PH: 91-22-2580 1529/21/46 Accreditation No : NABET/EIA/1518/RA0066
5.Type of project	Hosing
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	Structure exist as per previous sanction
8.Location of the project	Survey No 8/3+9/1/1+9/1/19, Shop No 3, Velstand Building next to Vodafone store, Opp. Reliance Mart Kharadi Pune 411014
9.Taluka	Haveli
10.Village	Kharadi
Correspondence Name:	
Room Number:	Shop No 3,
Floor:	
Building Name:	Velstand
Road/Street Name:	Kharadi Bypas
Locality:	Kharadi
City:	Pune
11.Area of the project	Pune Muncipal Corporation
12 IOD/IOA/Companyion/Diam	In Process
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: In Process
	Approved Built-up Area: 34899.71
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.)	12537.00 sq.mt.
16.Deductions	5083.68 sq.mt.
17.Net Plot area	7,453.32 sq.mt.
18 (a).Proposed Built-up Area (FSI &	a) FSI area (sq. m.): 16,525.41 sq.mt.
Non-FSI)	b) Non FSI area (sq. m.): 18374.30 sq.mt.
	c) Total BUA area (sq. m.): 34899.71
18 (b).Approved Built up area as per	Approved FSI area (sq. m.): 16525.41 sq.mt.
DCR	Approved Non FSI area (sq. m.): 18374.30 sq.mt.
	Date of Approval: 31-07-2017
19.Total ground coverage (m2)	3218.74 sq.mt.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	43.18%
21.Estimated cost of the project	89100000

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	2	2.Num	ber of l	buildin	gs & its o	config	juration	
Serial number	Buildir	ng Name & r	umber	Nu	mber of floors		Height of the building (Mtrs)	
1		А Туре		Ground Fl	oor, B+G+22 Fl	LOORS	69.00 m	
2		В Туре			Floor, First & Se B+G+22 FLOO	69.00 m		
3	Exit	ting Bungalov	w -1		GROUND		3.60 m	
4	Exit	ting Bungalov	<i>w</i> -2	G	R+02 FLOOR		9.60 m	
23.Number tenants an	Imber of its and shopsTenement : 152 Nos , Shop 10 Nos , Office : 32							
24.Number expected r users		1301 Nos						
25.Tenant per hectar	0	111/ha	~5					
26.Height building(s)								
27.Right o (Width of the from	the road earest fire the							
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	9 m			×.00	0		
29.Existing structure		Yes , As Per	Previous Sa	anction				
30.Details demolition disposal (I applicable	ı with f	Yes						
			31.P	roduct	ion Deta	ils		
Serial Number	Pro	duct	Existing	(MT/M)	Proposed (M	/IT/M)	Total (MT/M)	
1	Not ap	plicable	Not apj	plicable	Not applica	able	Not applicable	
	c	3	2.Tota	l Wate	r Require	emen	t	



		Source of	water	PMC							
		Fresh wate	er (CMD):	88.22							
		Recycled w Flushing (47.73							
		Recycled w Gardening		10.00							
		Swimming make up ((4							
Dry seasor	1:	Total Wate Requireme :		146.95							
		Fire fightin Undergrou tank(CMD)	nd water	100							
		Fire fightin Overhead v tank(CMD)	water	25 EACH				3			
		Excess trea	ated water	56.53							
		Source of v	water	PMC							
		Fresh wate	er (CMD):	88.22							
		Recycled w Flushing (47.73							
		Recycled w Gardening									
		Swimming make up ((4							
Wet seaso	n:	Total Wate Requireme :		136.95							
		Fire fightin Undergrou tank(CMD)	nd water	100							
		Fire fightin Overhead v tank(CMD)	water	25 EACH							
		Excess trea	ated water	66.53							
Details of pool (If an		Total Water	Requireme	r Pool : 10 X nt in KLD : 6 nake up in K	0.96						
		3	3.Detail	s of Tota	l water o	onsume	d				
Particula rs	Cons	sumption (C	EMD)]	Loss (CMD)		Ef	fluent (CM	D)		
Water Require ment	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		



	Level of the Ground water table:	6 To 8 M
	Size and no of RWH tank(s) and Quantity:	Not Applicable
	Location of the RWH tank(s):	Not Applicable
34.Rain Water Harvesting (RWH)	Quantity of recharge pits:	3 Nos
	Size of recharge pits :	1.5 X 1.5 X 1.5
	Budgetary allocation (Capital cost) :	6.00 Lacs
	Budgetary allocation (O & M cost) :	0.2 Lacs/Year
	Details of UGT tanks if any :	Domestic UG tank Capacity : 135 Cum Flushing UG tank Capacity : 60 Cum (including landscape)
	Natural water drainage pattern:	AS PER DRAWINGS
35.Storm water drainage	Quantity of storm water:	291.32 M3 /HR
	Size of SWD:	DIA 450 MM
	Sewage generation in KLD:	114.26
	STP technology:	MBBR
Sewage and	Capacity of STP (CMD):	120
Waste water	Location & area of the STP:	Near By A Type Building
	Budgetary allocation (Capital cost):	39.36 Lacs
	Budgetary allocation (O & M cost):	7.9 Lacs
		d waste Management
Waste generation in	Waste generation:	No
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	No
5	Dry waste:	227 kg
	Wet waste:	258 kg
X47	Hazardous waste:	Not Applicable
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Not Applicable
- Indoo	STP Sludge (Dry sludge):	69.10 kg
	Others if any:	Not Applicable



		Dry waste:		Dry waste v	will be :	sent fo	or recycling	to age	ncv Sv	vatch	
		Wet waste		5			erting to com	0	0		
		Hazardous		Not Applicable							
Mode of Disposal of waste:		Biomedica applicable		Not Applicable							
		STP Sludg sludge):	e (Dry	STP sludge sent to SWM site for converting in to compost					compost		
		Others if a	ny:	No							
		Location(s):	Near Open	Space						
Area requirem	ent:	Area for th of waste & material:		8.75 sqm							
		Area for m	achinery:	33 sqm							
Budgetary		Capital cos	st:	12.75 lacs						N X	
(Capital co O&M cost)		O & M cos	t:	2.44 lacs							
			37.Ef	fluent C	hare	ter	estics			7	
Serial Number	Paran	neters	Unit	Inlet E Charect			Outlet I Charect		· · · · · · · · · · · · · · · · · · ·	Effluent discharge standards (MPCB)	
1	Not apj	plicable	Not applicable	Not onr			ble Not applicable Not applicable				
Amount of e (CMD):	effluent gene	eration	Not applica	cable							
Capacity of the ETP: Not applica			able								
Amount of treated effluent Not application application of the second sec				able							
Amount of v	vater send to	o the CETP:	Not applica	able	5						
Membership	o of CETP (if	require):	Not applica	able							
Note on ETH	P technology	to be used	Not applica								
Disposal of	the ETP sluc	lge	Not applica	able							
			38. Ha	azardous	Was	te D	etails				
Serial Number	Descr	iption	Cat	UOM	Exist	ting	Proposed To		tal	Method of Disposal	
1	Not app	plicable	Not applicable	Not applicable	No applio		Not applicable		ot cable	Not applicable	
			39. S	tacks em	issio	n De	etails				
Serial Number	Section	& units		sed with ntity	Stack	No.	Height from ground level (m)	dian	ernal neter n)	Temp. of Exhaust Gases	
1	Not apj	olicable	Not ap	plicable	No applio		Not applicable		ot cable	Not applicable	
			40.De	tails of F	Fuel t	o be	e used				
Serial Number	Тур	e of Fuel		Existing			Proposed			Total	
1	Not	applicable	1	Not applicabl	e	N	lot applicabl	е		Not applicable	
41.Source o	f Fuel		Not a	applicable							
						_					

hote			Name: Kare Ani) D
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		Total RG a	rea :	1097.31						
		No of trees to be cut :		No						
43.Green Belt		Number of be planted		155	155					
Develop	ment	List of pro native tree		List Given	Below					
		Timeline for completion plantation	1 of	1 Year bef	ore complition of work					
	44.Nu	mber and	l list of t	rees spe	cies to be plante	d in the ground				
Serial Number	Name of	the plant	Commo	n Name	Quantity	Characteristics & ecological importance				
1	Michellia	champaca	Sonc	haffa	10	Medicinal value, Fragrant flowers, Butterfly larvae host plant, Bird attracting species, Fast growing.				
2	Albizzi	a lebek	Shi	rish	10	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds).				
3	Anthocephalus kadamba		Kad	amb	10	Medicinal value, To control soil erosion, Birds, squirrels, monkey eat fruits.				
4	Azardirachta indica		Neem		10	Medicinal value, To control soil erosion. To improve soil erosion				
5	Bauhinia	Bauhinia blackiana		nanraj	12					
6	Butea mo	nosperma	Palas		10					
7	Cassia	fistula	Bahawa		10	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species, Host plant for Butterfly.				
8	Pongami	a pinnata	Kar	ranj	10	Medicinal value, Drought tolerant species, To control soil erosion. Hardy plant.				
9	Cordia d	ichotoma	Bho	okar	10	Medicinal value, Edible fruits,				
10	Dalbber	gia sisoo	Shi	sav	10	Medicinal value, Bird attracting species ,				
11		carpus ericus	Rudr	aksh	12					
12	Scheliche	rra oleasa	Kus	sum	05					
13	Ficus mi	crocarpa	Nan	druk	09	Medicinal value, Bird attracting species, Drought tolerant species, Hardy plant.				
14	Phyllanth	us emblica	Aw	ala	10	Medicinal value				
15	Mangife	ra indica	Ma	ngo	06	Edible fruit, Bird attracting species.				
16		nthus tristis	Parij	jatak	06					
17	Mimosur	os elengii	Ba	kul	05					
45	5.Total qua	ntity of plan	its on grou	nd						

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46.Nun	nber and	list of shrub	s an	d bushes spe	cies to b	pe planted in the podium RG		
Serial Number	Name C/C Distance					Area m2		
1								
				47.Energ	Jy			
		Source of power supply :	1	MSEDCL				
		During Construct Phase: (Demand Load)		30KW				
		DG set as Power back-up during construction ph		45 KVA				
Der		During Operation phase (Connected load):		1683KW/1870 KVA				
require	wer ement:	During Operation phase (Demand load):		1496KVA				
		Transformer:		22 KV /630 KVA -	1 No & 22	KV / 315 KVA - 1 No		
		DG set as Power back-up during operation phase		180 KVA				
		Fuel used:		For 75 % Load - 2	Hr – 11.74 Hrs Working			
		Details of high tension line pas through the plo any:		No				
		48.Energy	savi	ng by non-co	nvention	nal method:		
2 Solar ligh 3 CFL & LE compound v 4 Auto Time Area Lights 5 Water Lev	ts will be pro D based ligh walls etc. er Switches v , for saving over Controlle	nting will be done i will be provided for electrical energy. ers With Timers wil	n amer n the r Stree l be U	nities like Street lig common areas, land et lights, Garden lig sed for Water Pumy	dscape areas hts, Parking ps.	den lighting. s, signage's, Entry gates and boundary g & staircase Lights & Other Common ıt light fittings like CFL, T5 Lamps & LED		
		49.De	tail	calculations	& % of s	aving:		
Serial Number	E	nergy Conservati				Saving %		
1	A) TOTAL	Annual Savings in Hot Wat		for Solar Power,		19.30%		
2	B) TOTAL A	Annual Savings in I Solar Hot Wate				15.50%		
		50.Det	ails	of pollution o	ontrol S	Systems		
Source	Durce Existing pollution control system Proposed to be installed							
Not applicable Not applicable						Not applicable		
Budgetary allocation Capital cost:		26.20 Lacks						
	cost and cost):	O & M cost:		0.53 Lacks / year				
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51	.Envi	ronmei	ntal Man	agen	nent j	olan Bu	udg	etary	Alloca	ation	
		a) Construc	tion p	hase (v	with Bre	ak-u	ı p):			
Serial Number	Att	ributes	Parar	neter		Total Cost per annum (Rs. In Lacs)					
1	V	Vater	Dust Sup	pression				0.7			
2		ation, Healt Jp & Safety	h Health &	Safety				1.0			
3		onmental nitoring	Air, Water,	Noise So	pil			0.4			
			b) Operati	ion Ph	ase (wi	th Brea	k-up):			
Serial Number	Com	ponent	Descr	iption	Сар	ital cost Rs Lacs	s. In		tional and ost (Rs. in	Maintenance Lacs/yr)	
1	Air, wate	r, Noise, Soi	l Enviro	Post Project Environment 0.00 Monitoring			0.125				
2	V	Vater	Rainwater	Harvestiı	ng	6.00			0.2		
3	Was	tewater		Sewage Treatment Plant 39.36			7.9				
4	Municipa	l Solid wast		Solid waste 12.75				2.44			
5	Pla	ntation	Landso	caping		41.82		6.69			
6	E	nergy	Energy	Savings		26.20 0.53			}		
51.S	Storag	e of ch	emicals	-	amabl stance	-	osiv	/e/haz	zardou	s/toxic	
Descri	ption	Status	Location		Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	/ M	umption onth in MT	Source of Supply	Means of transportation	
Not app	licable	Not applicable	Not applica	ble	Not applicable	Not Not Not a		pplicable	Not applicable	Not applicable	
			52.A	ny Oth	ner Info	ormation	1				
No Informa	tion Availa	ble									
		<u>V</u>	53.	Γraffic	Mana	gement					
	5										



	Number and area of basement:	01		
	Number and area of podia:	02		
	Total Parking area:	8817.6Sq.m. For Cycle 396 X 0.70 =277.20 sq.m		
	Area per car:	35.00 &30.00 Sq.m.		
	Area per car:	35.00 &30.00 Sq.m.		
Parking details:	Number of 2- Wheelers as approved by competent authority:	512 Nos		
	Number of 4- Wheelers as approved by competent authority:	284 Nos		
	Public Transport:	Available near to side		
	Width of all Internal roads (m):	9.00 m.		
	CRZ/ RRZ clearance obtain, if any:	NA		
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA		
	Category as per schedule of EIA Notification sheet	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		
5	Summorised i	n brief information of Project as below.		
Brief information of the project by SEAC				



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Environment Clearance for Housing Project " Velstand ", Survey No 8/3+9/1/1+9/1/19, Shop No 3, Velstand Building next to Vodafone store, Opp. Reliance Mart Kharadi Pune.by Mr. Surendra Bapusaheb Pathare.

PP submitted their application for prior Environmental clearance for total plot area of 12537.00 Sq. Mtrs, FSI area of 16,525.41 Sq. Mtrs, Non FSI area of 18374.30 Sq.m and total BUA of 34899.71 Sq. Mtrs. PP proposes to construct A and B Type of residential buildings.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit undertaking stating that in the past, potential on the plot was less than 20,000 sq mtr and accordingly the plan has been approved.

2) PP to submit plan showing cross section through the internal road showing Distance and the space left for SWD, plantation of trees and compound wall.

3) PP to submit relocate UGT.

4) PP to submit mitigation measure plan to avoid inconvenience to the existing occupants'. Due to proposed work as

addition of floors are proposed over exisiting building as part occupation certificate has been granted. **5)** PP to submit revised debris management plan.

6) PP to submit revised parking layout plan width and slope of ramp and details of parking.

7) PP to submit approved parking plan.

8) PP to submit fire tender movement plan and cross section should be submitted with revised parking and area statement.

9) PP to submit location showing extra parking required which should be specifically indicated in the parking area statement as per DCR.

 ${\bf 10)} \ {\rm PP}$ to submit details of socioeconomic infrastructure near project vicinity.

11) PP to submit undertaking for implementation of CER.

FINAL RECOMMENDATION

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



SEAC Meeting number: 70 Meeting Date September 7, 2018

Subject: Environment Clearance for Amendment in Environment Clearance of residential & commercial project Is a Violation Case: No **1.Name of Project Residential & Commercial Project** 2.Type of institution Private **3.Name of Project Proponent** Mr. Hemendra Shah M/s. Kunal Spaces Pvt. Ltd. 4.Name of Consultant Sneha Hi-Tech products **5.Type of project** Housing Project (Residential & Commercial) 6.New project/expansion in existing project/modernization/diversification Amendment in Existing Project in existing project 7.If expansion/diversification. EC was obtained by Envt. Dept., Gov. of Maharashtra on 17.09.2012 vide letter no. whether environmental clearance has been obtained for existing SEAC-2011/CR69/TC-2 project S.No.49/2(P), 49/3, 49/4, 49/5, 49/6(p), 50/1(P), 50/5/1(P), 50/5/2(P), 50/5/3(P), 50/6/1, 50/6/2/1 8.Location of the project Haveli 9.Taluka 10.Village Balewadi Mr. Hemendra Shah (Director) M/s. Kunal Spaces Pvt. Ltd. **Correspondence Name: Room Number:** Floor: **Building Name:** Kunal House, Road/Street Name: Off Bhandarkar Road, Locality: Opp. Kamla Nehru Park, City: Pune-411004. **11.Area of the project** Yes, Pune Municipal Corporation Building plan is approved by Pune Municipal Corporation. 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Latest sanction number is CC/0255/17 dated Approval Number 29.04.2017. Revised sanction is in process. Approved Built-up Area: 33974 4 No. of buildings (A,B, C, & D) and Building E up to 4th floor comprising 67,101.11 m2 built up 13.Note on the initiated work (If area were constructed on site as per earlier EC. applicable) 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 15.Total Plot Area (sq. m.) 36.700.73 m2 **16.Deductions** 16.097.90 m2 **17.Net Plot area** 20,602.83 m2 a) FSI area (sq. m.): 41,194.11 m2 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 53,169.40 m2 Non-FSI) c) Total BUA area (sq. m.): 94363 Approved FSI area (sq. m.): 33,974.43 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): --DCR Date of Approval: 29-04-2017 19.Total ground coverage (m2) 4,325.48 m2 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 21% to sky) 21.Estimated cost of the project 107000000

22.Number of buildings & its configuration

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Serial number	Buildin	ng Name & 1	number	Nu	mber of floors	He	ight of the building (Mtrs)	
1		Building A		В	+P+15 floors		49.30	
2		Building B			+P+15 floors	49.30		
3		Building C		В	+P+15 floors	48.75		
4		Building D		В	+P+15 floors		48.75	
5		Building E		В	+P+16 floors		53.40	
6		Building F		В	+P+16 floors		53.40	
7		2 Bungalows			G+1		7.89	
8	HDH+	- Multipurpos	se Hall		G+2		10.20	
9		Shops			G+1		6.10	
10		Owners flats			G+4		15	
23.Number tenants an		Tenements: Shops: 37	440 nos.				3	
24.Number expected r users		Residential	2,200 , Shops: 3	17 , Tot	al users: 2,517		0,	
25.Tenant per hectar		У 250/Н						
26.Height building(s)					0	5		
27.Right o (Width of t from the n station to t proposed b	the road earest fire the	18 m			,000			
28.Turning for easy ac fire tender movement around the excluding for the pla	cess of from all building the width	9 m		0				
29.Existing structure			ldings (A,B, C, & onstructed on sit			floor com	prising 67,101.11 m2 built up	
30.Details demolition disposal (I applicable	with f	NA						
			31.Pro	duct	ion Details			
Serial Number	Pro	duct	Existing (MT	[/ M)	Proposed (MT/M	4)	Total (MT/M)	
1	Not apj	plicable	Not applical	ole	Not applicable		Not applicable	
		3	2.Total W	Vate	r Requirem	ent		



	Source of	water	Pune Munic	cipal Corpora	ation/Recycle	ed			
	Fresh wate	er (CMD):	220.76 m3/	day					
	Recycled w Flushing (108.51 m3/day						
	Recycled w Gardening		38.94 m3/day						
	Swimming make up (8 m3/day						
Dry season:	Total Wate Requireme :		376.21 m3/day						
	Fire fightin Undergrou tank(CMD)	ind water	As per Fire	NOC					
	Fire fightin Overhead tank(CMD)	water	20 m3				3		
	Excess trea	ated water	141.69 m3/	day					
	Source of	water	Pune Munic	cipal Corpora	ation/Recycle	ed			
	Fresh wate	er (CMD):	220.76 m3/	day					
	Recycled w Flushing (108.51 m3/day						
	Recycled w Gardening		Nil						
	Swimming make up (8 m3/day	N					
Wet season:	Total Wate Requireme :		337.27 m3/	day					
	Fire fightin Undergrou tank(CMD)	ind water	As per Fire	NOC					
	Fire fightin Overhead tank(CMD)	water	20 m3						
	Excess tre	ated water	180.63 m3/	day					
Details of Swimming pool (If any)		city: 258 cum up water rec		m3/day					
	3	3.Detail	s of Tota	l water o	onsume	d			
Particula rs Con	sumption (C	CMD)		Loss (CMD))	Ef	fluent (CM	D)	
Water Require ment 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	



	Level of the Ground water table:	10 meter				
	Size and no of RWH tank(s) and Quantity:	NA				
	Location of the RWH tank(s):	NA				
34.Rain Water	Quantity of recharge pits:	10 nos.				
Harvesting (RWH)	Size of recharge pits :	2 m x 0.9 m x 2 m				
(Budgetary allocation (Capital cost) :	Rs. 7.5 Lakhs				
	Budgetary allocation (O & M cost) :	Rs. 0.5 Lakhs/annum				
	Details of UGT tanks if any :	Treated Water Tank: 130 m3 Raw Water Storage Tank: 130 m3 Drinking Water Tank: 33.15 m3 Fire-fighting: 300 m3 Commercial UG tank: 20 m3				
	Natural water drainage pattern:	SW to NE				
35.Storm water drainage	Quantity of storm water:	72 m3/hr				
	Size of SWD:	200 mm to 450 mm RCC NP2				
	Sewage generation in KLD:	290 m3/day				
	STP technology:	Compact Type STP				
Sewage and	Capacity of STP (CMD):	1 STP of capacity 300 m3/day				
Waste water	Location & area of the STP:	Location: Under Ground , Area: 109 m2				
	Budgetary allocation (Capital cost):	n Rs. 68.20 Lakhs				
	Budgetary allocation (O & M cost):	Rs. 2 Lakhs				
	36.Solie	d waste Management				
Waste generation in	Waste generation:	25 kg/day				
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	Construction debris includes (concrete wastes, broken bricks, metallic scraps etc.) that shall be used for leveling and base course preparation and remaining will be handed over to authorized vendor.				
	Dry waste:	430.09 kg/day				
	Wet waste:	639.16 kg/day				
	Hazardous waste:	Small quantity of DG set used oil, paints etc.				
Waste generation in the operation	Biomedical waste (If applicable):	NA				
Phase:	STP Sludge (Dry sludge):	28 kg/day				
	Others if any:	NA				
	- Short of the training of					
trote		Name: Kart Ami D				

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		Dry waste:		Will be han	ded ov	er to S	SWaCH ager	ICV		
		Wet waste			Will be treated in Mechanized Composting Machine					
		Hazardous	-		Handed over to authorized Vendor					
Mode of Disposal of waste:		Biomedical waste (If applicable):		f _{NA}						
		STP Sludg sludge):	e (Dry	Dried and u	ised as	manu	ire for garde	ning		
		Others if a	ny:	NA						
		Location(s):	On ground						
Area requirem	ent:	Area for th of waste & material:		72 m2	72 m2					
		Area for m	achinery:	18 m2						
Budgetary		Capital cos	st:	Rs. 22.26 L	akhs					
(Capital co O&M cost)		O & M cos	t:	Rs. 3 Lakh	/ Annui	n				
	·		37.E	Effluent C	hare	cter	estics			Y
Serial Number	Paran	neters	Unit		Inlet Effluent Charecterestics		Outlet Charect		/	Effluent discharge standards (MPCB)
1	Not apj	plicable	Not applicabl	e Not ap	plicable	9				Not applicable
Amount of e (CMD):	effluent gene	eration	Not appli	applicable						
Capacity of	the ETP:		Not appli	ot applicable						
Amount of t recycled :	reated efflue	ent	Not appli	Not applicable						
Amount of v	vater send to	o the CETP:	Not appli	Jot applicable						
Membership	o of CETP (if	require):	Not appli	ot applicable						
Note on ETI	P technology	to be used	Not appli							
Disposal of	the ETP sluc	lge	Not appli	cable						
			38. H	lazardous	Was	te D	etails			
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed	То	tal	Method of Disposal
1	Not app	plicable	Not applicable	Not applicable	No applio		Not applicable		ot cable	Not applicable
			39.9	Stacks em	issio	n De	etails			
Serial Number	Section	& units		J sed with antity	Stack	No.	Height from ground level (m)	dian	rnal ieter n)	Temp. of Exhaust Gases
1	Not apj	plicable	Not a	pplicable	No applio		Not applicable		ot cable	Not applicable
			40.D	etails of H	Fuel t	to be	e used			
Serial Number	Тур	e of Fuel		Existing			Proposed			Total
1	Not	applicable		Not applicabl	le	N	Not applicabl	е		Not applicable
41.Source o	f Fuel		Not	applicable						
42.Mode of	Transportat	ion of fuel to	site Not	applicable						

hote			Name: Kare Anii D
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				4.000.07					
		Total RG a		4,889.37 m2					
			No of trees to be cut :		NA				
43.Green Belt Development		Number of trees to be planted : List of proposed native trees :		244	244				
				Given belov	Given below				
Timeline f completion plantation			n of Before completion of proje			oject			
	44.Nu	mber and	l list of t	rees spe	cies to b	e <mark>plante</mark>	ed in the ground		
Serial Number	Name of	the plant	Commo	n Name	Quar	ntity	Characteristics & ecological importance		
1	Plumer	ria alba	Ch	afa	2	2	Small tree with white flowers		
2	Azadirac	hta indica	Ne	em	1	9	Semi-evergreen tree with medicinal value		
3	Syzygiui	n cumini	Jam	bhul	1	2	Fruit bearing tree		
4	Mimusor	os elengii	Bakul		1	0	Shady tree, small white fragrant flowers		
5		ephallus Imba	Kadamb		1	8	Shady, large tree, ball shaped flowers		
6	Cassia fistula		Bahava		2	0	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant		
7	Saraca	a asoca	Sita ashok		1	5	Attracts Butterfly/Bees/Birds		
8		Lagerstroemia speciosa		Taman		2	Shade giving tree, attracts Butterfly/Bees/Birds		
9	Bauhinia	purpurea	Rakt Kanchan		1	1	Evergreen tree with fragrant flowers		
10	Michalia	champaka	Yellow chafa		1	3	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant		
11	-	horum arpum	Copper pod tree		08		Large tree with bright yellow flowers		
12		nodea inulata	African tulip tree		20		Ornamental tree, goof for soil improvement & erosion control		
13	Pongami	a pinnata	Indian B	eech tree	1	3	Flowering shady tree		
14		arpus phyllus	Jack	fruit	0	6	Fruit bearing tree		
15	Mangife	ra indica	Ma	ngo	08		Fruit bearing tree		
16	Annona s	squamosa	Custar	d apple	0	9	Fruit bearing medicinal tree		
17	Caryot	a urens		il palm	2	8	Medium sized deciduous tree with purple flowers.		
18		ſΑ		tal	24	4	NA		
45	.Total qua	ntity of plan	its on grou	nd					
46.Num	nber and	list of sl	nrubs an	d bushes	species	to be p	lanted in the podium RG:		
Serial Number		Name		C/C Dista	nce		Area m2		

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1	Hymenocallislittoralis (Spider lily)	0.3	160.50
2	Ixoradufii pink (Ixora hybrid pink)	0.45	69.80
3	Hamelia dwarf (Fire bush)	0.45	207.75
4	Lumoneaspectablis (Raveneaspectablis)		51.00
5	Caesalpinneapulcherima new pink (Shankasur pink)	0.6	15.00
6	Thevetia (Bitti)	0.6	45.00
7	Allamanda yellow dwarf	0.3	
8	Kundmultiflorum	0.45	40.50
9	Wadelliatrilobata	0.6	95.00
10	Ocimum sanctum (Tulsi)	0.3	38.0
11	Cestrum nocturmum (Ratrani)	0.45	216.90
12	Tabarnaemontanacoronaria variegated	0.45	710.95
13	Plumbagocapensis (Chitrak)	0.45	139.00
14	Lumoniaspectablis	0.45	51.0
15	Tecoma Capensis Golden	0.45	48.0
16	Nerium Oleander Carnea	0.45	45.0
17	Plumeriapudica	1.5	15.5
18	Hibiscus rosasinensis	0.45	42.0
19	Oleander dwarf	0.45	149.60
20	Lantana white erect	0.3	98.0
21	Lantana blue erect	0.3	75.50
22	Lantana camara red	0.3	25.0
23	Caesalpineapulcherima red	0.6	276.75
24	Caesalpineapulcherimaflava yellow	0.6	48.60

47.Energy

Sil



		Source of power supply :	MSEDCL				
		During Construction Phase: (Demand Load)	140 KW				
Power requirement:		DG set as Power back-up during construction phase	NA				
		During Operation phase (Connected load):					
		During Operation phase (Demand load):	2,229.5 KW				
		Transformer:	3 nos. x 630 KV.	A			
		DG set as Power back-up during operation phase:	1 no. x 125 KVA				
		Fuel used:	HSD				
		Details of high tension line passing through the plot if any:	NA				
		48.Energy savi	na by non-c	onventional method:			
• High effic	ficient pump iency LED/C er heating sy	FL lights for street light /stem		halide 5 & % of saving:			
Serial Number	E	Energy Conservation Measures Saving %					
1		nergy Conservation M	easures	Saving %			
1	Com	nergy Conservation M		Saving % 24,528 KWH			
2	Com		CFL Lamps				
	Com	umon Area lighting with (CFL Lamps rting	24,528 KWH			
2		mon Area lighting with (All lifts will be soft sta	CFL Lamps rting ping	24,528 KWH 7,665 KWH			
2 3		amon Area lighting with (All lifts will be soft sta Energy efficient pump ficiency LED/CFL lights so Solar water heating sy	CFL Lamps rting ping for street light	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH			
2 3 4		amon Area lighting with (All lifts will be soft sta Energy efficient pump ficiency LED/CFL lights : Solar water heating sy Annual Saving	CFL Lamps rting bing for street light stem	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH 4,22,338 KWH			
2 3 4 5		amon Area lighting with (All lifts will be soft sta Energy efficient pump ficiency LED/CFL lights : Solar water heating sy Annual Saving	CFL Lamps rting bing for street light stem	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH			
2 3 4 5	High ef	amon Area lighting with (All lifts will be soft sta Energy efficient pump ficiency LED/CFL lights : Solar water heating sy Annual Saving	CFL Lamps rting bing for street light stem of pollution	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH 4,22,338 KWH			
2 3 4 5 6 Source Not applicable	High ef	amon Area lighting with (All lifts will be soft state Energy efficient pump ficiency LED/CFL lights in Solar water heating sy Annual Saving 50.Details	CFL Lamps rting bing for street light stem of pollution	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH 4,22,338 KWH			
2 3 4 5 6 Source Not applicable Budgetary	High ef	amon Area lighting with (All lifts will be soft state Energy efficient pump ficiency LED/CFL lights is Solar water heating sy Annual Saving 50.Details isting pollution control	CFL Lamps rting bing for street light stem of pollution	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH 4,22,338 KWH Control Systems Proposed to be installed Not applicable			
2 3 4 5 6 Source Not applicable Budgetary (Capital	High ef	amon Area lighting with (All lifts will be soft sta Energy efficient pump ficiency LED/CFL lights i Solar water heating sy Annual Saving 50.Details isting pollution contro Not applicable	CFL Lamps rting bing for street light stem of pollution l system	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH 4,22,338 KWH Proposed to be installed Not applicable s			
2 3 4 5 6 Source Not applicable Budgetary (Capital O&M	High ef	amon Area lighting with (All lifts will be soft sta Energy efficient pump ficiency LED/CFL lights : Solar water heating sy Annual Saving 50.Details isting pollution control Not applicable Capital cost: 0 & M cost:	CFL Lamps rting bing for street light stem of pollution l system Rs. 676.14 Lakh Rs. 21 Lakhs/an	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH 4,22,338 KWH Proposed to be installed Not applicable s			
2 3 4 5 6 Source Not applicable Budgetary (Capital O&M	High ef	amon Area lighting with (All lifts will be soft sta Energy efficient pump ficiency LED/CFL lights is Solar water heating sy Annual Saving 50.Details isting pollution control Not applicable Capital cost: 0 & M cost:	CFL Lamps rting bing for street light stem of pollution bl system Rs. 676.14 Lakh Rs. 21 Lakhs/an	24,528 KWH 7,665 KWH 12,775 KWH 17,520 KWH 3,59,850 KWH 4,22,338 KWH Control Systems Proposed to be installed Not applicable s			

K.s. Langet		Name: Kare Amir D Signature: Ach
K.S.Langote (Secretary SEAC-III)	SEAC Meeting No: 70 Meeting Date: September 7, 2018	Shri. Anil Kale (Chairman SEAC-III)

1		r for Dust pression	To control air pollu	tion			1.5		
2	Site S	anitation, tion& Safety	To maintain hygien condition	nic			2		
3	Envir	onmental nitoring	l Air, water, noise an soil analysis		2				
4	Health	n Check up	To check fitness of workers	of	2.5				
5		ronment ement Cell	To manage environmental issu	ies			8		
6		NA	Total				16		
]	b) Operation Pl	hase (v	vith Brea	k-up):		
Serial Number	Con	ponent	Description	Ca	pital cost Re Lacs	s. In		tional and ost (Rs. in	Maintenance Lacs/yr)
1	Rain Wate	er Harvesting	g To harvest rain wa	ter	7.5			0.5	
2		e Treatment Plant	To treat sewage	;	68.20			12	
3		nic Waste 1posting	To treat biodegrada solid waste	able	22.26		3		
4		een Belt elopment	Tree plantation		48		6		
5	Ener	gy saving	For use of solar lighting and sola heater		676.14		21		
6		ronment nitoring	Air, water, noise a soil analysis	Air, water, noise and soil analysis)		3	
7	up to fi	of Storm line nal disposal point	For proper storn water disposal	n	13.18		0.5		
8	up to fi	of Sewer line nal disposal point	For proper disposa sewage	l of	13.14		0.5		
9	Basemen	nt Ventilation	For proper ventilat	ion	40			3	
10		ronment ement Cell	To manage environmental issu	ies			7.8		
11		NA	Total		882.42			57.3	
51.S	torag	e of ch	emicals (infl sub	lamak stanc	es)		/e/haz	zardou	s/toxic
Descri	Description Status		Location	Storage Capacity in MT		Cons / M	sumption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applicable	Not applicabl	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.Any Ot	her In	formation	1			
No Informa	tion Availa	ble							
			53.Traffi	c Man	agement				
					-				

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

	Name: Kare Amir D. Signature:
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	Nos. of the junction to the main road & design of confluence:	Site is near to Mumbai-Pune express highway
	Number and area of basement:	No. of basement: 1 for each building Area of basement: 9,460.45 m2
	Number and area of podia:	NA
	Total Parking area:	20,267.79 m2
	Area per car:	Basement: 35.01 m2 , Stilt: 29.82 m2, Ground: 25.05 m2
	Area per car:	Basement: 35.01 m2 , Stilt: 29.82 m2, Ground: 25.05 m2
Parking details:	Number of 2- Wheelers as approved by competent authority:	Scooters required: 1,145 , Provided: 1,150
	Number of 4- Wheelers as approved by competent authority:	Cars required: 654 , Provided: 655
	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	18(a), B category
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
9	Date of online submission	-
SEAC	DISCUSSION	ON ENVIRONMENTAL ASPECTS
	Summorised in	n brief information of Project as below.
	Brief informa	tion of the project by SEAC



Environment Clearance for proposed residential project S.No.49/2(P), 49/3, 49/4, 49/5, 49/6(p), 50/1(P), 50/5/1(P), 50/5/2(P), 50/5/3(P), 50/6/1, 50/6/2/1, Balewadi,Pune by M/s. Kunal Spaces Pvt. Ltd.

PP submitted their application for expansion of Environmental clearance for total plot area of 36,700.73 Sq. Mtrs, FSI area of 41,194.11 Sq. Mtrs, Non FSI area of 53,169.40 Sq.m and total BUA of 94363 Sq. Mtrs. PP proposes to construct total 6 residential buildings, 2 Bungalow's, one HDH+ Multipurpose Hal, shops and Owner flat.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit cross section through the internal road showing the space left for SWD, plantation of trees and compound wall.

2) PP to submit copy of sanction plan.

3) PP to submit STP performance report with ORP.

4) PP to submit Drainage NOC.

5) PP to submit undertaking for implementation of CER.

Sile

FINAL RECOMMENDATION

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

K.S.Langote (Secretary
SEAC Meeting No: 70 Meeting Date: September
7, 2018Page 71
of 101Name: K offer A min D
Signature: Inc.Page 71
of 101Shri. Anil Kale (Chairman
SEAC-III)

SEAC Meeting number: 70 Meeting Date September 7, 2018

Subject: Environment Clearance for Building Construction Project

Subject: Environment Clearance	for Building Construction Project					
Is a Violation Case: No						
1.Name of Project	Swargandhar					
2.Type of institution	Private					
3.Name of Project Proponent	Mr. Anil Pawar					
4.Name of Consultant	Mr. Rajesh Shrivastav PECS- Pollution & Ecology Control Services					
5.Type of project	Housing Project					
6.New project/expansion in existing project/modernization/diversificatio in existing project						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA					
8.Location of the project	Gat No. 986+987+988+992(P)+856, Village Urali Kanchan, Tal-Haveli, Dist-Pune					
9.Taluka	Haveli					
10.Village	Urali Kanchan					
Correspondence Name:	Mr. Anil Pawar					
Room Number:	-					
Floor:						
Building Name:	Classic House, S. No. 395/396, Plot No. 23, Above ICICI Bank					
Road/Street Name:	Senapati Bapat Road					
Locality:	Shivaji Nagar					
City:	Pune					
11.Area of the project	Other Area					
	PMRDA					
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: PRH/NASR/836/2011					
Approval Number	Approved Built-up Area: 16594.39					
13.Note on the initiated work (If applicable)	Previously constructed area is 14210.77 Sqm					
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA					
15.Total Plot Area (sq. m.)	28800 Sqm					
16.Deductions	6325 Sqm					
17.Net Plot area	22475 Sqm					
	a) FSI area (sq. m.): 22963.91					
18 (a).Proposed Built-up Area (FSI on Non-FSI)						
	c) Total BUA area (sq. m.): 26679.25					
	Approved FSI area (sq. m.): 16594.39					
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 3336.11					
DON	Date of Approval: 23-11-2013					
19.Total ground coverage (m2)	4180.86					
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	18.6 %					
21.Estimated cost of the project	42000000					
	nber of buildings & its configuration					
Serial number Building Name &	& numberNumber of floorsHeight of the building (Mtrs)					
K.s. Langets	Name: Konte Amit D Signature: Journal and					

K.S.Langote (Secretary SEAC-III)

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of 101Shri. Anil Kale (Chairman
SEAC-III)
1		A1 & A2		G+3&P+4	14.85					
2		A3		G+3&P+4	14.85					
3	A4	& A5, A6 &	A7	G+3&P+4	14.85					
4		B1		G+3&P+4	14.85					
5		B2 & B3		G+3&P+4 14.85						
6	B4	& B5, B6 &	B7	G+3&P+4	14.85					
7		C1		G+3&P+4	14.85					
8		E1		P + 4	14.25					
9		B8 & B9		P + 7	22.80					
10		D1		P + 7	22.80					
23.Number tenants an										
24.Number of expected residents / users Residential Users- 1880 Nos. Commercial Users- 0										
25.Tenant density per hectare 168 Tenements per hector										
26.Height of the building(s)										
(Width of t from the n	27.Right of way (Width of the road from the nearest fire station to the pronosed building(s)									
28.Turning for easy ac fire tender movement around the excluding t for the plan	cess of from all building the width	Minium tru	ning radius- 9 M							
29.Existing structure (Yes. Two ex	tisting bunglows on the p	lot which shall be retain	ed.					
30.Details demolition disposal (I applicable)	with f	No demoliti	on work proposed.							
			31.Product	ion Details						
Serial Number	Pro	duct	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)					
1	Not ap	plicable	Not applicable	Not applicable	Not applicable					
	32.Total Water Requirement									



		Source of	water	Grampanch	ayat									
		Fresh wate	er (CMD):	169.2										
		Recycled w Flushing (84.6										
		Recycled w Gardening		16.38										
		Swimming make up (0		Not Proposed										
Dry seasor	1:	Total Wate Requireme :		270.18										
		Fire fightin Undergrou tank(CMD)	ind water	100.0										
		Fire fightin Overhead v tank(CMD)	water	-				3						
		Excess trea	ated water	l water 152.82										
		Source of v	water	Grampanch	ayat									
		Fresh water (CMD):169.2												
			vater - CMD):	84.6										
		Recycled w Gardening		0.0										
		Swimming make up (0		Not Propos	ed									
Wet seaso	n:	Total Wate Requireme :		253.8										
		Fire fightin Undergrou tank(CMD)	ind water	100.0										
		Fire fightin Overhead v tank(CMD)	water											
		Excess trea	ated water	169.2										
Details of pool (If an	Swimming y)	Not Propose	ed.											
		3	3.Detail	s of Tota	l water o	onsume	d							
Particula rs	Cons	sumption (C	CMD)		Loss (CMD))	Ef	fluent (CM	D)					
Water Require ment	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					



	Level of the Ground							
	water table:	10 M BGL						
	Size and no of RWH tank(s) and Quantity:	Harvesting proposed in Recycled water tank with filteration						
	Location of the RWH tank(s):	Collected in Raw water tank.						
34.Rain Water Harvesting	Quantity of recharge pits:	2 Nos.						
(RWH)	Size of recharge pits :	2 x 2 x 3						
	Budgetary allocation (Capital cost) :	Rs. 1.30 Lacs						
	Budgetary allocation (O & M cost) :	Rs. 0.06 Lacs / Annum						
	Details of UGT tanks if any :	UGT- 385.65 Cum						
25 Storm water	Natural water drainage pattern:	South East to North West						
35.Storm water drainage	Quantity of storm water:	7169.38 Cum/annum						
	Size of SWD:	450 mm to 600 mm						
	Sewage generation in KLD:	253.8 KLD						
	STP technology:	MBBR						
Sewage and	Capacity of STP (CMD):	1 no. of 267 KLD						
Waste water	Location & area of the STP:	Shown on plan						
	Budgetary allocation (Capital cost):	Rs. 35 Lacs						
	Budgetary allocation (O & M cost):	Rs. 3.85 Lacs / Annum						
		d waste Management						
Waste generation in	Waste generation:	2.5 Kg / day						
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	To be disposed of through authroised agency & Recyclers						
5	Dry waste:	376 Kg/day						
	Wet waste:	588.03 Kg/day						
Wasto goneration	Hazardous waste:	Negligible						
Waste generation in the operation Phase:	Biomedical waste (If applicable):	Nil						
	STP Sludge (Dry sludge):	24.03 Kg/day						
	Others if any:	NA						



		Dry waste:		Through au	ıthorize	ed age	encv					
		Wet waste		In-situ com		0	- J					
		Hazardous	-	NA	1	,						
Mode of l of waste:	Disposal	Biomedica applicable	•	f _{NA}								
		STP Sludg sludge):	STP Sludge (Dry sludge):		In-situ composting							
		Others if a	NA	NA								
		Location(s	Shown on t	he plar	1							
Area for th of waste & material:				63 Sqm	63 Sqm							
		Area for m	achinery:	-								
Budgetary (Capital co		Capital cos	st:	Rs. 12.42 L	acs							
O&M cost)		0 & M cos	t:	Rs. 1 Lac/ A	Annum							
37.Effluent Charecterestics												
Serial Number	Paran	neters Unit		Inlet E Charect		-	Outlet I Charect			Effluent discharge standards (MPCB)		
1	Not apj	plicable	Not applicabl	e Not ap	plicable	e	Not apj	plicabl	e	Not applicable		
Amount of e (CMD):	cable											
Capacity of	cable											
Amount of t recycled :	cable											
Amount of v	vater send to	o the CETP:	Not appli	cable	5							
Membership	o of CETP (if	require):	Not appli	cable								
Note on ETI	P technology	v to be used	Not appli	cable								
Disposal of	the ETP sluc	lge	Not appli	cable								
			38. H	lazardous	Was	te D	etails					
Serial Number	Descr	iption	Cat	UOM	Exist	ting	Proposed	То	tal	Method of Disposal		
1	Not app	plicable	Not applicable	Not applicable	No applio		Not applicable		ot cable	Not applicable		
			39.9	Stacks em	issio	n Do	etails					
Serial Number	Section	& units		J sed with antity	Stack	x No.	Height from ground level (m)	dian	rnal ieter n)	Temp. of Exhaust Gases		
1	Not apj	plicable	Not a	pplicable	No applio		Not applicable		ot cable	Not applicable		
			40.D	etails of H	Fuel t	to be	e used					
Serial Number	Тур	e of Fuel		Existing			Proposed			Total		
1	Not	applicable		Not applicabl	le	Ν	lot applicabl	е		Not applicable		
41.Source o	f Fuel		Not	applicable								
42.Mode of	Transportat	ion of fuel to	site Not	applicable								
	-											

hote			Name: Kare Anii D
K.s. Langets			Signature: Ach
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		Total	RG a	rea :	2730 Sqm						
		No of :	trees	s to be cut	Nil						
43.Gree		Numl be pla		trees to		Trees required as per DCR- 281 Existing Trees- 238 Total No. of trees proposed= 43					
Develop	ment	List o nativ		posed s :	List given b	List given below					
	Timeline for completion plantation			n of	Proposed p	lantation to h	oe don	e befo	ore completion of the project.		
	44.Nu	mber	and	l list of t	rees spe	cies to b	e pla	nte	d in the ground		
Serial Number	Name of	the pla	ant	Commo	on Name				Characteristics & ecological importance		
1	Nyctanth tri	ies arbo stis	or-	Pari	jatak	4	1		This Small tree has highly fragrant flowers those attract Bees and Butterflies, Fruits attract Birds.		
2	Ochna o	obtusat	a	Kanak (Champa	4	ł	0	Native, this shrub has yellow fragrant flowers, Host plant for Butterflies.		
3	Murraya paniculatum		Kamini/Kunti		4			Native to Western Ghats, this shrub has fragrant white flowers and dense foliage. It is a host plant for Butterflies.			
4	Manilka	nilkara zapota C		Chie	ckoo 4				This small tree attracts Birds and Bees. Edible Fruit.		
5	Citrus	Citrus limon		Lemon		4	ł		This Shrub is used in everyday Cooking and acts as a host plant for Butterflies.		
6	Bauhinia	a racemosa		Ar	pta 4		ł		Native to Pune, this Shrub has a Religious importance		
7	Mimuso	ps elen	gi	Ва	Bakul		4		Native, Evergreen Foliage and Flowering tree has dense branching, hence good for Wind screening. Flowers are deeply fragrant and attracts birds and Bees.		
8	Pongami	a pinna	ata	Karanj		4			Native to Pune, this Deciduous White Flowering tree . Attracts Birds and Arboreal Mammals.		
9	Lagerstroe	mia reg	jinae	Tam	ıhan	4	Ł		This Purple Flowering plant is the State flower of Maharashtra.		
10	Cassia	fistula		Bah	iava	4	ł		This Flowering and Deciduous tree has beautiful Yellow chandeliers in Summers. Good perching site for Birds.		
11	Erythrina	varieg	ata	Pan	gara	3	}		Native to Western Maharashtra, this Reddish-Orange Flowering and Deciduous tree attracts lot of Birds for the Nectar.		
	5.Total qua	-		-							
	nber and	list	of sł	nrubs an	d bushes	s species	to b	e pla	anted in the podium RG:		
Serial Number		Name			C/C Dista	nce			Area m2		
K.S.Langote (Secretary SEAC-III)		C Meeting No	p: 70 Meeting Date: September 7, 2018				nge 77 Signature: Shri. Anil Kale (Chairman SEAC-III)				

1		NA		NA	NA NA						
				47.E n	ergy						
		Source of por supply :	ver	MSEDCL							
		During Const Phase: (Dema Load)		60 KW	60 KW						
		DG set as Por back-up duri construction	ıg	30 KW	30 KW						
Poy	107	During Opera phase (Conne load):		1108.86 KW							
require		During Opera phase (Dema load):		813.14 KVA	3						
				630 KVA- 1 no 315 KVA - 1 No							
		DG set as Poy back-up duri operation ph	ıg	160 KVA- 1	No						
		Fuel used:		HSD							
			h bassing blot if	NA							
		48.Energ	y savi	ng by nor	n-conven	tional method:					
LED for ent Solar Water Energy effic Timer for S	ire Drive wa r heating sys cient pumps. taircase ligh	y and internal r stem shall be pr	oads and ovided fo Parking	. pathways r entire scher	ne as per no	rovided with LED bulbs rms					
		49.	Detail	calculati	ons & %	of saving:					
Serial Number	Е	nergy Conserv	ation M	easures		Saving %					
1		Total ener	gy Savin	g		17.52 %					
		50.D	etails	of polluti	on contr	ol Systems					
Source	Ex	isting pollutio	n contro	ol system		Proposed to be installed					
Not applicable		Not ap	olicable			Not applicable					
(Capital	allocation cost and	Capital cost:		Rs. 36.74 La							
0&M	cost):	0 & M cost:		Rs. 0.75 Lac	Rs. 0.75 Lacs/Annum						
51	.Enviro	onmenta	l Maı	nageme	nt plan	Budgetary Allocation					
		a) Co	nstru	c <mark>tion pha</mark>	se (with	Break-up):					
Serial Number	Attri	butes	Para	meter	Total Cost per annum (Rs. In Lacs)						
1		onstruction bour	Water re	quirement	1.22						

hote			Name: Kart Amir D
K.s. Langets			Signature: Ach
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	Cita Conitatio	- C	To mainte	in lohor								
2	Site Sanitation Safety	n &	To mainta hea		ur				1.60			
3	Environment Monitoring		Ambient A Noise Leve from DG Se Wa	el, Exhaı t, Drink	ust				1.80			
4	Disinfection	n	To prev outbreak o						0.50			
5	Health Check	up	To ensure the workin order to ro health cor and inf generate during con pha	ng staff educe an nplicatio ections d on sito nstructio	in ny on e	0.50						
b) Operation Phase (with Break-up):												
Serial Number	Component Description											
1	Rain Water Harv	esting	Rain water harvesting pits				1.30	C		0.06		
2	Sewage Treatr Plant	nent	waste wate	nent		35.0		3.85				
3	Organic Was Composting		biodegrada treat		ste		12.42			1		
4	Tree Plantati	on	lands develop manag	ment &		16.38				0.82		
5	Energy savir	ng		nergy conservation measures			36.74			0.75		
6	Environmer Monitoring		Pollution m		g &		0.0			1.80		
51.S	torage of	che	micals	(infl	lam	abl	e/expl	osiv	e/haz	zardou	s/toxic	
				sub	sta	nce	es)					
Descri	ption Stat	us	Location	1	Сар	rage acity MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT		Source of Supply	Means of transportation	
Not app	licable No applica		Not applica	ble		lot icable	Not applicable	Not ap	plicable	Not applicable	Not applicable	
			52.A	ny Ot	her	Info	rmation	1				
No Informa	tion Available											
			53.	Γraffi	c M	anag	gement					
	Nos. of the junction to the main road & design of confluence:											



	Number and area of basement:	Nil
	Number and area of podia:	Nil
	Total Parking area:	4496.6 Sqm
	Area per car:	12.5 Sqm
	Area per car:	12.5 Sqm
Parking details:	Number of 2- Wheelers as approved by competent authority:	414 Nos.
	Number of 4- Wheelers as approved by competent authority:	214 Nos.
	Public Transport:	Nil
	Width of all Internal roads (m):	9 M Wide
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	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
5	Summorised i	n brief information of Project as below.
	Brief informa	tion of the project by SEAC



Environment Clearance for Building Construction Project at Gat No. 986+987+988+992(P)+856, Village Urali Kanchan, Tal- Haveli, Dist- Pune by Mr. Anil Pawar (Swargandhar).

PP submitted their application for prior Environmental clearance for total plot area of 28800 Sq. Mtrs, FSI area of 22963.91 Sq. Mtrs, Non FSI area of 3734.34 Sq.m and total BUA of 26,679.25Sq. Mtrs. PP proposes to construct 10 no of residential buildings.

DECISION OF SEAC

PP remains absent.

SEAC decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



Agenda 70th Meeting of SEAC-3 (Day-2) SEAC Meeting number: 70 Meeting Date September 7, 2018 Subject: Environment Clearance for Residential & Commercial Project Is a Violation Case: No **1.Name of Project** Archana Kohinoor Glory 2.Type of institution Private **3.Name of Project Proponent** Mr Ambreshwar K Chikhale 4.Name of Consultant Mr Rajesh Srivastav PECS- Pollution & Ecology Control Services PMC **5.Type of project** 6.New project/expansion in existing project/modernization/diversification Not applicable in existing project 7.If expansion/diversification. whether environmental clearance Not applicable has been obtained for existing project 8.Location of the project S. No. 38/2B+ 3A/2+3, Mohmadwadi, Pune Haveli 9.Taluka 10.Village Mohmadwadi Mr Ambreshwar K Chikhale **Correspondence Name: Room Number:** Office No 203 Floor: 2nd Floor **Building Name:** Arora Tower Road/Street Name: M G Road Locality: Pune City: Pune **11.Area of the project Corporation Area** Pune Municipal Corporation 12.IOD/IOA/Concession/Plan IOD/IOA/Concession/Plan Approval Number: Commencement certificate No. 2607/13 Approval Number Approved Built-up Area: 19851.5 13.Note on the initiated work (If The construction of wing A is completed & construction of Wing B & C is Completed up to 2 applicable) slabs. Total construction of 12915.58 Sqm (BUA) 14.LOI / NOC / IOD from MHADA/ NA Other approvals (If applicable) 15.Total Plot Area (sq. m.) 13800 Sqm **16.Deductions** 4048.5 Sqm **17.Net Plot area** 9751.55 Sqm a) FSI area (sq. m.): 12811.5 18 (a).Proposed Built-up Area (FSI & b) Non FSI area (sq. m.): 11055.6 Non-FSI) c) Total BUA area (sq. m.): 23867.11 Approved FSI area (sq. m.): 12811.47 18 (b).Approved Built up area as per Approved Non FSI area (sq. m.): 7040.03 DCR Date of Approval: 11-11-2013 19.Total ground coverage (m2) 2136.47 20.Ground-coverage Percentage (%) (Note: Percentage of plot not open 21.91 % to sky) 21.Estimated cost of the project 485872650 22.Number of buildings & its configuration Serial **Building Name & number** Number of floors Height of the building (Mtrs) number

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of 101Name: Ka?e A mi) D
Signature:
Shri. Anil Kale (Chairman
SEAC-III)

1		Wing A		В	+G+10	33.78					
2		Wing B		2E	3+G+10		33.55				
3		Wing C		21	8+G+10		33.55				
23.Number tenants and		No of tenan No of shops									
24.Number expected re users		Residential	Users- 1080 No	os Commercia	al Users- 465 Nos	5					
25.Tenant per hectare		222 Tenem	ents Per Hector								
26.Height (building(s)											
27.Right of (Width of t from the no station to t proposed b	he road earest fire he	30 M wide /	30 M wide Approach Road								
28.Turning for easy ac fire tender movement around the excluding t for the plan	radius cess of from all building the width	7.5 m									
29.Existing structure (Ī	Yes, new co	nstruction done	e as per sanc	tion.						
30.Details demolition disposal (If applicable)	with f	No Demolit	No Demolition is proposed in the project.								
			31.Pro	oductio	n Details						
Serial Number	Pro	duct	Existing (M	IT/M)	Proposed (MT/M	1)	Total (MT/M)				
1	Not app	olicable	Not applic	able	Not applicable		Not applicable				
		3	2.Total	Water 1	Requirem	ent					
	S	C									



		Source of	water	PMC										
		Fresh wate	er (CMD):	106.5										
		Recycled w Flushing (60.24										
		Recycled w Gardening		6										
		Swimming make up (0										
Dry seasor	1:	Total Wate Requireme :		172.74										
		Fire fightin Undergrou tank(CMD)	ind water	150										
		Fire fightin Overhead tank(CMD)	water	60				3						
		Excess trea	ated water	100.5										
		Source of	water	РМС										
			er (CMD):	106.5										
			vater - CMD):	60.24										
		Recycled w Gardening		0										
		Swimming make up (0										
Wet seaso	n:	Total Wate Requireme :		166.74										
		Fire fightin Undergrou tank(CMD)	ind water	150										
		Fire fightin Overhead tank(CMD)	water	60										
		Excess trea	ated water	106.5										
Details of pool (If an	Swimming y)	Not Propose	ed											
		3	3.Detail	s of Tota	l water o	onsume	d							
Particula rs	Cons	sumption (C	CMD)]	Loss (CMD))	Ef	fluent (CM	D)					
Water Require ment	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					



	Level of the Ground water table:	15 m
	Size and no of RWH tank(s) and Quantity:	Harvesting proposed in Recycled Water Tank with filtration
	Location of the RWH tank(s):	Collected in Raw water Tank
34.Rain Water Harvesting	Quantity of recharge pits:	3 Nos
(RWH)	Size of recharge pits :	2 m X 2m x 3m
	Budgetary allocation (Capital cost) :	1.95 Lac
	Budgetary allocation (O & M cost) :	0.08 Lac P.A.
	Details of UGT tanks if any :	UGT in A wing- 160 Cum UGT in B & C wing- 250 Cum
DE Storm and the	Natural water drainage pattern:	Nort to South
35.Storm water drainage	Quantity of storm water:	3427.47 Cum
	Size of SWD:	P A 450 mm & 600 mm
	•	
	Sewage generation in KLD:	145.81 KLD
	STP technology:	MBBR
Sewage and	Capacity of STP (CMD):	176 KLD
Waste water	Location & area of the STP:	Shown on the Plumbing Plan
	Budgetary allocation (Capital cost):	24 Lac
	Budgetary allocation (O & M cost):	2.64 Lac P. A.
		d waste Management
Waste generation in	Waste generation:	2.5 Kg/day
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	To be disposed of through authroised agency & Recyclers
	Dry waste:	262.5 Kg/day
	Wet waste:	363.09 Kg/day
	Hazardous waste:	Negligible Kg/day
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NIL Kg/day
rnase:	STP Sludge (Dry sludge):	15.84 Kg/day
	Others if any:	NIL



		Dry waste:		To be dispo	To be disposed of through authroised agency & Recyclers							
		Wet waste		-	In-situ Composing							
		Hazardous	waste:				er to author	ized ag	gency			
Mode of a of waste:	Disposal	Biomedica applicable		0	NA							
STP Sludge sludge):		e (Dry	15.84 Kg/da	ay								
		Others if a	ny:	NIL	NIL							
		Location(s):	As shown o	n the F	Plan						
Area requirem	ent:	Area for th of waste & material:		42 SQM	42 SQM							
		Area for m	achinery:	36 SQM								
Budgetary		Capital cos	st:	7.66 Lac								
(Capital co O&M cost)		O & M cos	t:	2 Lac P. A.								
			37.E	ffluent C	hare	cter	estics			7		
Serial Number	Paran	neters	Unit	Inlet E Charect			Outlet Charect		r	Effluent discharge standards (MPCB)		
1	Not apj	plicable	Not applicabl	e Not ap	plicabl	е	Not apj	plicabl	e	Not applicable		
Amount of e (CMD):	effluent gene	eration	Not appli									
Capacity of	the ETP:		Not appli	cable								
Amount of t recycled :	reated efflue	ent	Not appli	icable								
Amount of v	water send to	o the CETP:	Not appli	cable	5							
Membershij	p of CETP (if	f require):	Not appli	cable								
Note on ETI	P technology	v to be used	Not appli									
Disposal of	the ETP sluc	lge	Not appli									
			38. H	azardous	Was	te D	etails					
Serial Number	Descr	iption	Cat	UOM	Exis	ting	Proposed To		tal	Method of Disposal		
1	Not apj	plicable	Not applicable	Not applicable	N appli		Not applicable		ot cable	Not applicable		
			39.9	Stacks em	issio	n D	etails					
Serial Number	Section	& units		J sed with antity	Stacl	« No.	Height from ground level (m)	dian	rnal ieter n)	Temp. of Exhaust Gases		
1	Not apj	plicable	Not a	pplicable	N appli		Not applicable		ot cable	Not applicable		
			40.D	etails of H	uel	to b	e used					
Serial Number	Тур	e of Fuel		Existing			Proposed			Total		
1	Not	applicable		Not applicabl	e	Ν	Not applicabl	е		Not applicable		
41.Source o	of Fuel		Not	applicable								
42.Mode of	Transportat	ion of fuel to	site Not	applicable								



		Total	RG a	rea :	999.11 Sqn	n						
		No of	trees	s to be cut	Nil	Nil						
43.Gree		Numl be pla		trees to		Trees to be planted as per rule-122 Nos Existing Trees- 49 Nos Hence No. of trees to be planted- 73 Nos						
Develop	ment	List o nativ		posed s:	List given H	Below						
			line fo letior ation	i of	Before completion of the project							
	44.Nu	mber	and	l list of t	rees spe	cies to b	e pla	anteo	d in t	the grou	nd	
Serial Number	Name of	the pl	ant	Commo	n Name	Quai	ntity		Ch		s & ecological tance	
1	Nyctanth tri:	ies arbo stis	or-	Parij	jatak	7	7		flo	wers those a	as highly fragrant ttract Bees and its attract Birds.	
2	Ochna o	obtusat	a	Kanak (Champa	7	7			grant flower	rub has yellow s, Host plant for rflies.	
3	Murraya p	anicula	itum	Kamin	i/Kunti	7			shru	ıb has fragra lense foliage	ern Ghats, this ant white flowers . It is a host plant terflies.	
4	Manilkaı	ra zapo	ta	Chickoo		7		This small tree attracts Birds and Bees. Edible Fruit.				
5	Citrus	limon		Lemon		7			This Shrub is used in everyday Cooking and acts as a host plant for Butterflies.			
6	Bauhinia	racemo	osa	Apta		7			Native to Pune, this Shrub has a Religious importance			
7	Mimusoj	ps elen	gi	Ba	Bakul		7		bra: sci	Flowering tr nching, hence reening. Flow grant and at	een Foliage and ee has dense e good for Wind wers are deeply tracts birds and es.	
8	Pongami	a pinna	nta	Kar	canj	7			Native to Pune, this Deciduous White Flowering tree . Attracts Birds and Arboreal Mammals.			
9	Lagerstroe	mia reg	jinae	Tam	nhan	7	7		This Purple Flowering plant is the State flower of Maharashtra.			
10	Cassia	fistula		Bah	lava	7	7		This Flowering and Deciduous tree has beautiful Yellow chandeliers in Summers. Good perching site for Birds.			
11	Erythrina	thrina variegata Pan		gara	3	3		this	s Reddish-Or Deciduous t	rn Maharashtra, ange Flowering ree attracts lot of he Nectar.		
	5.Total qua	-		-								
46.Number and list of shrubs and bushes species to be planted in the podium R						podium RG:						
Serial Number		Name			C/C Dista	ance				Area m2		
K.S.Langote (Secretary SEAC-III)			o: 70 Meeting 7, 2018	g Date: Septe	mber		ge 87 f 101	Signature	ale (Chairman			

1		NA		NA	NA			
				47.Energ	I Y			
		Source of power supply :	ı	MSEDCL				
	Load) DG set as Power back-up during construction phase During Operation phase (Connected load):		60 KW					
			30 KVA					
Der				704.14 KW				
Pov require		During Operatio phase (Demand load):	n	530.55 KVA	3			
		Transformer:		630 KVA- 1 No				
		DG set as Power back-up during operation phase		100 KVA- 1 No				
		Fuel used:		HSD				
	Details of high tension line passing through the plot if any:		NA					
		48.Energy	savi	ng by non-co	nventional method:			
 LED for e Solar Wat Energy ef Timer for 	ntire Drive v er heating s ficient pump Staircase lig	such as parking, sta vay and internal ro- ystem shall be prov ps.	airway ads ar vided f Parkin	s, passages etc sha	ll be provided with LED bulbs s per norms			
	wing devices	1 0		calculations a	& % of saving:			
Serial Number	Е	nergy Conservati	7		Saving %			
1		Solar water	heater		17.64 %			
2		Solar street	lights		1.69 %			
3		P V Genera	ation		0.11 %			
4		Total percentage	e of sa	ving	19.43 %			
	50.Details of pollution control Systems							
Source	Ex	isting pollution c	ontro	ol system	Proposed to be installed			
Not applicable		Not applic	able		Not applicable			
	allocation cost and	Capital cost:		Rs. 23.28 Lacs				
	cost):	O & M cost:		Rs. 0.48 Lacs/Ann	um			
51	.Enviro	onmental N	Mar	nagement p	plan Budgetary Allocation			
	a) Construction phase (with Break-up):							

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K.s. Langet			Signature: Ach-
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Serial Number	Attı	ributes	Parai	neter			Total (Cost p	er annu	m (Rs. In I	.acs)
1		construction Labour	Water Re	quireme	nt				1.22		
2		nitation & afety	Health & Lab	Safety o our	of				1.60		
3		onmental nitoring	Pollution M Con	ionitorin Itrol	g &				1.80		
4	Disiı	nfection	Health & Lab		of				0.5		
5	Health	Check up	Health & lab	Safety o our	of				0.5		
		b) Operat	ion Pl	has	e (wi	th Breal	k-up):		
Serial Number	Com	ponent	Descr	iption		Capi	tal cost Rs Lacs	. In		tional and ost (Rs. in	Maintenance Lacs/yr)
1	Rain Wate	er Harvesting	RWH	I Pits			1.95			0.08	
2		Treatment Plant	Waste wate	er treatm	ient		24			2.64	:
3		nic Waste posting		waste jement		7.66			2		
4	Tree F	Plantation		scape opment		7.49			0.37		,
5	Energ	yy saving	Energy Co meas	nservati sures	.on		23.28		0.48		
6		ronment nitoring	Pollution m Con	onitorin Itrol	g &	0.0		1.80			
51. S	torage	e of che	micals			nabl ance	-	osiv	/e/haz	zardou	s/toxic
Descri	ption	Status	Locatio	Location		torage pacity n MT by MT hype for the storage torag		/ 1-1	umption onth in MT	Source of Supply	Means of transportation
Not app	licable	Not applicable	Not applicable			Not licable	Not applicable	Not a	pplicable	Not applicable	Not applicable
			52.A	ny Ot	her	r Info	rmation				
No Informa	tion Availa	ble									
	5		53.	Traffi	c N	Iana	gement				
	Nos. of the junction to the main road & design of confluence:										



	Number and area of basement:	2 Basements of area- 3801.61 Sqm				
	Number and area of podia:	Nil				
	Total Parking area:	3476 Sqm				
	Area per car:	12.51 Sqm				
	Area per car:	12.51 Sqm				
Parking details:	Number of 2- Wheelers as approved by competent authority:	1118 Nos				
	Number of 4- Wheelers as approved by competent authority:	1888 Nos				
	Public Transport:	NA				
	Width of all Internal roads (m):	Minimum 6 m in width				
	CRZ/ RRZ clearance obtain, if any:	NA				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA				
	Category as per schedule of EIA Notification sheet	8 (a)				
	Court cases pending if any	Nil				
	Other Relevant Informations	NA				
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC	SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS					
5	Summorised i	n brief information of Project as below.				
	Brief information of the project by SEAC					



Environment Clearance for Residential & Commercial Project at S. No. 38/2B+ 3A/2+3, Mohmadwadi, Pune by Archana Kohinoor Glory.

PP submitted their application for prior Environmental clearance for total plot area of 13800 Sq. Mtrs, FSI area of 12811.5 Sq. Mtrs, Non FSI area of 11055.6 Sq.m and total BUA of 23867.11 Sq. Mtrs. PP proposes to construct 3 residential buildings.

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

DECISION OF SEAC

PP remains absent.

SEAC decided to defer the proposal.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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



Agenda 70th Meeting of SEAC-3 (Day-2)

SEAC Meeting number: 70 Meeting Date September 7, 2018

Subject: Environment Clearance for CONSTRUCTION PROJECT S. No. 59(P), Tathawade, Tal. Haveli, Pune 411033, Maharashtra

Is a Violation Case: No

1.Name of Project	Ganga Amber						
2.Type of institution	Private						
3.Name of Project Proponent	M/s. Shree Siddhivinayak Developers Name : Mr. Annuj Goel						
4.Name of Consultant	Goldfinch Engineering System Private Limited						
5.Type of project	Housing project						
6.New project/expansion in existing project/modernization/diversification in existing project	Amalgamation of two adjacent project						
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA						
8.Location of the project	S. No. 59(P), Tathawade, Tal. Haveli, Pune 411033, Maharashtra						
9.Taluka	Mulshi						
10.Village	Tathawade						
Correspondence Name:	Mr. Annuj Goel						
Room Number:	NA						
Floor:	NA						
Building Name:	GANGA AMBAR S. No. 59(P), Tathawade, Tal. Haveli, Pune 411033, Maharashtra						
Road/Street Name:	S. No. 59(P), Tathawade, Tal. Haveli, Pune 411033, Maharashtra						
Locality:	Tathawade						
City:	Pimpri Chinchwad						
11.Area of the project	РСМС						
	NA						
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: PMC / PCMC Plan Sanctioned						
Approval Number	Approved Built-up Area: 98135.05						
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.)	24800.00 sq.mt.						
16.Deductions	4369.12 sq.mt.						
17.Net Plot area	20430.88 sq.mt.						
	a) FSI area (sq. m.): 44495.66 sq.mt.						
18 (a).Proposed Built-up Area (FSI & Non-FSI)	b) Non FSI area (sq. m.): 53639.39 sq.mt.						
	c) Total BUA area (sq. m.): 98135						
	Approved FSI area (sq. m.): 44495.66						
18 (b).Approved Built up area as per DCR	Approved Non FSI area (sq. m.): 53639.39						
~ ~ ~	Date of Approval: 31-07-2017						
19.Total ground coverage (m2)	8709.09 sq.mt.						
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	35.12% on total plot area						
21.Estimated cost of the project	835900000						

22.Number of buildings & its configuration

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Serial number	Buildin	ıg Name & r	umber	Number of floors	Height of the building (Mtrs)
1		A - TYPE		P+12	36.00 m
2		B - TYPE		P+12	36.00 m
3		C - TYPE		4P+18	66.85 m
4		D - TYPE		4P+10	43.65 m
5		E - TYPE		4P+18	66.85 m
6	F - TY	(PE (OLD B T	YPE)	P+STILT+12	41.55 m
7	G - T	YPE (OLD A 7	TYPE)	P+STILT+12	41.20 m
8		H - TYPE		P+STILT+12	41.20 m
9		I - TYPE		G+11	35.95 m
23.Numbe tenants an		Tenanment	: 779 Nos , Shop 12	Nos	
24.Number expected r users		Ressidentia	= 3895 , Commerc	ial = 112	
25.Tenant per hectar		189/ha			
26.Height building(s)					
27.Right o (Width of t from the n station to t proposed h	the road earest fire the	Nearest fire	station distance 4.	7 km (Hinjewadi Fire Sta	ation)
28.Turning for easy ac fire tender movement around the excluding for the pla	ccess of from all building the width	9 m			
29.Existing structure (NO	GY		
30.Details of the demolition with disposal (If applicable)					
			31.Prod	uction Details	
Serial Number	Product		Existing (MT/M) Proposed (MT/M)		A) Total (MT/M)
1	Not ap	plicable	Not applicable	Not applicable	Not applicable
		3	2.Total Wa	ter Requirem	ent



		Source of	water	PCMC									
		Fresh wate	er (CMD):	354									
		Recycled w Flushing (178									
		Recycled w Gardening		20	20								
	Swimming pool make up (Cum):			No									
Dry season:		Total Wate Requireme :		552									
		Fire fightin Undergrou tank(CMD)	ind water	525									
		Fire fightin Overhead tank(CMD)	water	20 Each Bu	ilding			3					
		Excess trea	ated water	298									
		Source of	water	PCMC									
		Fresh wate	er (CMD):	354									
		Recycled w Flushing (178									
		Recycled w Gardening		NA									
		Swimming make up (No									
Wet seaso	n:	Total Wate Requireme :		318									
		Fire fightin Undergrou tank(CMD)	ind water	525									
		Fire fightin Overhead tank(CMD)	water	20 Each Building									
		Excess treat	ated water	NA									
Details of pool (If an	Swimming y)	NA	*										
		3	3.Detail	s of Tota	l water o	onsume	d						
Particula rs					Loss (CMD))	Ef	fluent (CM	D)				
Water Require ment	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total				
Domestic	NoNt applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable				



	Level of the Ground water table:	4 m			
	Size and no of RWH tank(s) and Quantity:	NA			
	Location of the RWH tank(s):	NA			
34.Rain Water	Quantity of recharge pits:	15 Nos			
Harvesting (RWH)	Size of recharge pits :	5m x 3m x 2m			
	Budgetary allocation (Capital cost) :	9.5 lacs			
	Budgetary allocation (O & M cost) :	1.2 lacs/year			
	Details of UGT tanks if any :	"Domestic U/G tank Capacity (cum) : 530 Flushing tank Capacity (cum) : 181cum Fire U/G tank Capacity (cum) : 525"			
	Natural water drainage pattern:	E to W			
35.Storm water drainage	Quantity of storm water:	886.6cum/hr			
	Size of SWD:	250-600 mm			
	•				
	Sewage generation in KLD:	496			
	STP technology:	MBBR			
Sewage and	Capacity of STP (CMD):	550 (Existing STP-100KLD,STP1-150KLD,STP2-145KLD,STP3-155KLD)			
Waste water	Location & area of the STP:	Near C TYPE Building			
	Budgetary allocation (Capital cost):	Existing STP -24lac ;Proposed STP -102.5lacs			
	Budgetary allocation (O & M cost):	Existing STP-6.5lac/yr ;Proposed STP -24 lacs/year			
		d waste Management			
Waste generation in	Waste generation:	59KG			
the Pre Construction and Construction phase:	Disposal of the construction waste debris:	NA			
	Dry waste:	692.825 KG			
	Wet waste:	1115.675 KG			
X47	Hazardous waste:	NA			
Waste generation in the operation Phase:	Biomedical waste (If applicable):	NA			
r lldse:	STP Sludge (Dry sludge):	38.2 kg			
	Others if any:	NA			

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Mode of Disposal of waste: Wet waste: Wet waste will be converting to composting for by OWC Hazardous waste: NA Biomedical waste (II applicable): NA STP Sludge (Dry sludge): STP sludge sent to SWM site for converting in to compost Others if any: NA Area requirement: Iccation(s): Near to STP Area for the storage of waste & other material: 0 Sgm Budgetary allocation (Capital cost and O&M cost): 0.54 Lacs O K cost: 6.54 Lacs Serial Number Parameters Unit Inlet Effluent Charecterestics Effluent discharge standards (MPCB) 1 Not applicable Not applicable Amount of effluent generation (CMD): Not applicable Capacity of the ETP: Not applicable Amount of water send to the CETP: Not applicable Membership of CETP (If require): Not applicable Membership of CETP (If require): Not applicable Maunt of water send to the CETP: Not applicable Jippost of the ETP sludge Not applicable Serial Number Description Cat		Dry waste:					Dry waste will be sent for recycling to SWACH					
Mode of Disposition of waste: Historical waste (if applicable): NA STP Sludge (Dry sludge): STP sludge sent to SWM site for converting in to compost sludge): Others if any: NA Area for the store of the store of waste (s other material: NA Area for matcrinery: 36 Sqm Other store of the s			Wet waste	Wet waste	will be	conve	erting to com	postin	g for k	by OWC		
of waste: Instrume of a pilicable: NA STP Sludge (Dry sludge): STP sludge sent to SWM site for converting in to compost Others if any: NA Area requirement: Location(s): Near to STP Area for machinery: 36 Sqm Budgetary allocation (Capital cost and 0 & M cost): Capital cost: 23.49 Lacs Serial Capital cost: 0.54 Lacs Serial Parameters Unit Inlet Effluent Charecterestics Serial Not applicable Not applicable Amount of readed effluent recycled : Not applicable Not applicable Amount of water send to the CETP: Not applicable Not applicable Amount of water send to the CETP: Not applicable Serial Mot or Disposal of the ETP sludge Not applicable Serial Serial Description Cat UOM Serial Not applicable Not applicable Amount of water send to the CETP: Not applicable Not applicable Serial Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable Not applicable Applicable Applicable Amount of treaded effluent recycled : <			Hazardous waste:		NA							
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Area requirement: Location(s): Near to STP Area for the storage of wast & other material: 40 Sqm Budgetary allocation (Capital cost and O&M cost): Gapital cost: 23.49 Lacs Gapital cost and O&M cost): Capital cost: 0.654 Lacs Serial Number Parameters Unit Inter 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 Not applicable Not applicable Not applicable Amount of water send to the CETP: Not applicable Mot applicable Mot applicable Membership of CETP (if require): Not applicable Stard of applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable Applicable Not applica				e (Dry	STP sludge	sent to	o SWN	1 site for con	vertin	g in to	compost	
Area requirement: Area for machinery: Area for machinery: Area for machinery: Area for machinery: (Capital cost and O&M cost): 40 Sgm Budgetary allocation (Capital cost and O&M cost): Capital cost: 0 & M cost: 23.49 Lacs Serial Number Parameters Unit Inlet Effluent Charecterestics Outlet Effluent Charecterestics Effluent discharge standards (MPCB) 1 Not applicable Not applicable Not applicable Amount of treated effluent cercycled : Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Mount of treated effluent cercycled : Not applicable Not a			Others if a	ny:	NA	NA						
Area grading interval 40 Sgm require interval 36 Sgm Area for working interval 36 Sgm Area for working interval 36 Sgm Budgetar control (Capital cost and Oct o			Location(s):	Near to ST	Near to STP						
Budgetary allocation (Capital cost and O&M cost): Capital cost: 23.49 Lacs Ge M cost: 6.54 Lacs Serial Number Parameters Unit Intel Effluent Charecterestics Outlet Effluent Charecterestics Effluent discharge standards (MPCB) 1 Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable 2 Manual of treated effluent recycled : Not applicable Not applicable Not applicable Membership of CETP (if require): Not applicable Not applicable Secial Proposed Total Method of Disposal 1 Not applicable Not applicable Not applicable Not applicable Not applicable Secial Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applic	of waste &			40 Sqm	40 Sqm							
			Area for m	achinery:	36 Sqm							
O&M cost:O & M cost:6.54 Lacs37.2 Effluent Chare< V			Capital cos	st:	23.49 Lacs							
Serial NumberParametersUnitInlet Effluent CharecteresticsOutlet Effluent CharecteresticsEffluent discharge standards (MPCB)1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicable2Amount of treated effluent recyclel :Not applicableNot applicableNot applicableNot applicableAmount of treated effluent recyclel :Not applicableNot applicableNot applicableImplicableAmount of treated effluent recycled :Not applicableImplicableImplicableAmount of treated effluent recycled :Not applicableImplicableImplicableNote on ETP technology to be used Disposal of tree TP sludgeNot applicableNot applicableImplicableNumberDescriptionCatUOMExistingProposedTotal1Not applicableNot applicableNot applicableNot applicableNot applicable1Not applicableNot applicableNot applicableNot applicableNot applicable1Not applicable<			O & M cos	t:	6.54 Lacs							
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Disposal of the ETP sludge Not applicable Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Internal diameter (m) Temp. of Exhaust Gases 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable 1 Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable	Membership of CETP (if require): Not appli			Not applic	able							
Serial Number Description Cat UOM Existing Proposed Total Method of Disposal 1 Not applicable Not applicab	Note on ETP technology to be used Not applied			Not applic	able							
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Serial NumberSection & unitsFuel Used with QuantityStack No.from ground level (m)Internal diameter (m)Temp. of Exhaust Gases1Not applicableNot applicableNot applicableNot applicableNot applicableNot applicableNot applicable	39.Stacks emission Details											
I Not applicable Not applicable applicable applicable applicable applicable		Section	& units			STOCK N		from ground	diameter		_	
40.Details of Fuel to be used	1	Not app	plicable	Not ap	plicable	2			-		Not applicable	
	40.Details of Fuel to be used											
Serial NumberType of FuelExistingProposedTotal		Тур	e of Fuel		Existing		Proposed				Total	
1 Not applicable Not applicable Not applicable Not applicable	1	Not	applicable		Not applicable			Not applicable			Not applicable	
41.Source of Fuel Not applicable	41.Source o	f Fuel		Not								
42.Mode of Transportation of fuel to site Not applicable	42.Mode of	Transportat	ion of fuel to	site Not	applicable							



Total RG area :			3095.62 Sqm							
43.Green Belt		: Number of trees to		NO						
				286						
Develop	ment	List of proposed native trees :		LIST MENT	IONED BEL	OW				
compl			Timeline for completion of plantation :		Before 1 year construction					
	44.Nu	mber and	l list of t	rees spe	cies to b	e plante	d in the ground			
Serial Number	Name of	the plant	Commo	n Name	Qua	ntity	Characteristics & ecological importance			
1		oceph Idamba	kad	amb	5	2	Good for road side plantation and provide shade			
2	Albzial			rish	39		Good for road side plantation and provide shade			
3	Saraca	Saracaindica Sit		Ashok	39		Spreading , evergreen tree sutaible for all types of garden			
4	Azadir achtaindica		Ne	Neem 40		.0	Good for restoration of dryer part, good for air purifier and have medicinal properties			
5	Murryap	aniculata Ku		inti	35		Good for arnamental purpose			
6	Michelia (Champaka Son o		chafa	36		Good for arnamental purpose			
7	Langerstromiaflos- regineae Tan		han 45		5	Good as a avenue tree, good for group planting around water gardens and ponds.				
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	Theve	Thevetia Nerifolia			0.9		80.31 sq m			
2	Stac	hytarpheta		0.45			80.31 sq m			
3	plumb	imbbago zeylanic		0.6			80.31 sq m			
4	acor	rus calamus		0.45			80.31 sq m			
5	k	Korphad		0.6		80.31 sq m				
6	Ocim	um sanctum		0.45			80.31 sq m			
7	Cyimbo	pogon floxos	us	0.45	0.45		80.31 sq m			
8	ŀ	libiscus		0.75			80.31 sq m			
9	Neriu	ım oleander		0.9			80.31 sq m			
10	G	Gokarana			0.6 80.31 sq m					
				47.Eı	nergy					



		Source of j supply :	power	MSEDCL					
		During Construction Phase: (Demand Load)		75 KW					
		DG set as l back-up du constructi	uring	82.5 KW					
		During Op phase (Coı load):							
	ement:	During Op phase (Dei load):	1941 KW						
		Transform	er:	1) 3 nos. of	630 K	VA 2)1 nos. 3	815 KVA		
	1	DG set as l back-up du operation j	iring	1) 1 NO. OF	7 125 K	WA 2) 1 NO.	OF 160 KV	'A	
]	Fuel used:		1) 160 KVA LIT/HR@ 75	NG 2)125 KVA DG-20.2				
	1		high le passing le plot if	No					
	I	48. Ene	erov savi	ng by no	n-co	nvention	al meth	od:	
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.									
Serial	49.Detail calculations & % of saving:								
Number	En	ergy Cons	easures			S	Saving %		
1	Solar PV panel , Timer Logic Contr V3F drive for Lifts, Solar Wa				onic			17.04 %	
50.Details of pollution control Systems									
Source	Exis	Proposed to be installed				d to be installed			
Not applicable		Not applicable			Not applicable				
	ry allocation Capital cost:			153.88 lacs					
	(Capital cost and O&M cost): 0 & M cost:				6.05 lac				
51.Environmental Management plan Budgetary Allocation									
	a) Construction phase (with Break-up):								
Serial Number	Attrib	utes	Parai	meter Total Cost per annum (Rs. In Lacs			ameter Total Cost per annum (R		num (Rs. In Lacs)
1	Wate	er	Dust Sup	ppression 0.7		ssion 0.7).7	
2	Site Sanitati Check Up		Health &	& Safety	1.0		0		
3	Environr Monito		Air, Water,	, Noise Soil		0.4			
1. JE								Name: Kart Ani) D	

hote			Name: KOTE Amil D
K.S. Langets			Signature: Acala
K.S.Langote (Secretary	SEAC Meeting No: 70 Meeting Date: September	Page 98	Shri. Anil Kale (Chairman
SEAC-III)	7, 2018	of 101	SEAC-III)

4		NA	NA			NA			
	b) Operation Phase (with Break-up):								
Serial Number	Com	iponent	Description	Сар	Capital cost Rs. In Lacs		Operational and Maintenance cost (Rs. in Lacs/yr)		
1	Air, wate	r, Noise, So	il Post Project Environment Monitoring		0		0.125		
2	V	Vater	Rainwater Harvest	ing	9.5 lacs		1.2 lacs/	'year	
3	Was	tewater	Sewage Treatmen Plant	nt	126.5lacs		30.5 lacs	/Year	
4	Municipa	l Solid wast	e Solid waste Management		23.49		6.54	Ļ	
5	Pla	ntation	Landscaping		10.14		2.08		
6	E	nergy	Energy Savings		153.88 lacs		6.05 1	ac	
51.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)									
Description Status		Location	Storage Capacity in MT	orage pacity Quantity of Storage at any / M		Source of Supply	Means of transportation		
Not app	Not applicable Not applicable 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:								
Shi									



	Number and area of basement:	No				
	Number and area of podia:	4 nos				
	Total Parking area:	18753.40 Sqm				
	Area per car:	30 Sqm & 25 Sqm				
	Area per car:	30 Sqm & 25 Sqm				
Parking details:	Number of 2- Wheelers as approved by competent authority:	1582 Nos				
	Number of 4- Wheelers as approved by competent authority:	398 Nos				
	Public Transport:	Available near to side				
	Width of all Internal roads (m):	9 m				
	CRZ/ RRZ clearance obtain, if any:	NA				
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA				
	Category as per schedule of EIA Notification sheet	B2				
	Court cases pending if any	NO				
	Other Relevant Informations	NA				
	Have you previously submitted Application online on MOEF Website.	No				
	Date of online submission	-				
SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS						
5	Summorised i	n brief information of Project as below.				
Brief information of the project by SEAC						



Environment Clearance for Construction Project at. No. 59(P), Tathawade, Tal. Haveli, Pune by M/s. Shree Siddhivinayak Developers.

PP submitted their application for prior Environmental clearance for total plot area of 24800.00 Sq. Mtrs, FSI area of 44495.66 Sq. Mtrs, Non FSI area of 53639.39 Sq.m and total BUA of 98,135 Sq. Mtrs. PP proposes to construct 9 residential buildings.

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

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to submit conceptual plan submitted during obtaining for earlier EC and its plot numbers and also subsequent approved plan from local authority.

2) PP to submit plan for EC applied under consideration.

3) PP to submit clarification on any deviation in above mentioned plans.

4) PP to submit details of existing buildings on additional area and sanctions thereof.

5) PP to clarify whether adjoining plot is amalgated, if so then submit the sanction plan .

FINAL RECOMMENDATION

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

K.S.Langote (Secretary
SEAC-III)SEAC Meeting No: 70 Meeting Date: September
7, 2018Page 101
of 101Name: Kole Amil D
Signature: A
Shri. Anil Kale (Chairman
SEAC-III)