Minutes of the 279th meeting of the State Level Expert Appraisal Committee held on 17/02/2016 at Committee Room, Gujarat Pollution Control Board, Gandhinagar.

The 279th meeting of the State Level Expert Appraisal Committee (SEAC) was held on 17th February, 2016 at Committee Room, Gujarat Pollution Control Board, Gandhinagar. Following members attended the meeting:

- 1. Shri T. P. Singh, Chairman, SEAC.
- 2. Shri V. C. Soni, Vice Chairman, SEAC.
- 3. Shri R. J. Shah, Member, SEAC.
- 4. Dr. V. K. Jain, Member, SEAC.
- 5. Shri V. N. Patel, Member, SEAC.
- 6. Shri Hardik Shah, Secretary, SEAC.

The agenda of TOR/Scoping/Category 8 (a) cases was taken up. Total Twenty two (22) cases of screening & scoping /appraisal of project / activity no. 8 were taken up. The applicants made presentations on the activities to be carried out along with other details furnished in the Form-1 and Form-1A.

1.		S.No.33+34/p, F.P.No.33+34,	Screening & scoping /
	project by Mr. Malay B.	T.P.S.No.48, Koteshwar, Gandhinagar.	appraisal.
	Patel.		

Sr.	Particulars	Details
No.		
1.	Proposal is for	New Project [SIA/GJ/NCP/33688/2015]
2.	Type of Project	Residential & commercial project
3.	Project /	8 (a)
	Activity No.	
	[8(a) or 8(b)]	
4.	Name of the	Building construction project by Mr. Malay B Patel
	project	
5.	Name of	Mr. Malay B. Patel
	Developer	
6.	Estimated	55 crore
	Project Cost	
	(Rs. In Crores)	
7.	Whether	No construction work has been started.
	construction	
	work has been	
	initiated at	
	site? If yes,	
	details thereof	

8.	Project Details	• Land / Plot Are	ya (m²): 8 550	<u> </u>		\top	
0.	1 Toject Details	 Land / Plot Area (m²): 8,550.0 FSI area (m²):28,020.34 					
		• Total BUA (m²):39,789.60					
				Permissible	Proposed		
		FSI Area (m ²)		28,020.34	28,020.34		
		Ground Covera	age (m²)		2,726.43		
		Common Plot		855.00	858.38		
		Max. building h	\ /	45	45		
9.	Building	No. of Building	O ()			\dashv	
J.	Details	No. of Blocks:4					
				م معاملات م	account to avoing floor (novices 0	,	
		•	•	•	pasement + ground floor (parking &	4	
			· · · · · · · · · · · · · · · · · · ·		+ hollow plinth + 12 floors.		
		No.& size of R					
		No. & type of (<u>'</u>			
10.	No. of	Resi1000 user			on		
	expected	Shops – 92 fixed	d & about 138	8 visitors.			
	residents / users						
11.	Water & waste	Water requirer	nent (KI /dav)·30 0		_	
	water details	Source of water	` .	•			
	during		-				
	construction	Waste water g	•	• • • • • • • • • • • • • • • • • • • •			
	phase	Mode of dispose	•	•	OIL CONTRACTOR OF THE CONTRACT		
10	10/	Details of reus					
12.	Water & waste	• Fresh water re	• `	• ,			
	water details during	Source of water	-				
	operation	 Waste water g 	eneration qu	antity (KL/day):	120.0		
	phase	Mode of dispos	sal: Into drair	nage line of AU	DA.		
13.	Status of water	Water supply& o	rainage line	will be provided	by AUDA.		
	supply and						
	drainage line						
14.	Solid waste	Construction Ph		10 111	M (B)		
	Management		Generation (m ³)	Quantity to be reused	Mode of Disposal / Reuse		
			(111)	(m ³)			
		Top Soil	75000	75000	Top soil will be used in		
		Other	70000	70000	developing garden area and		
		excavated			excavated earth will be		
		earth			used for land levelling within		
					premises.		
		Construction	Whatsoeve	er Whatsoeve			
		debris	\A/b ata a ay	W MARKET CONTRACTOR	base within premises.		
		Steel scrap Whatsoe		er Whatsoeve	r Will be sold to vendors.		
		Discarded	Whatsoeve	er Whatsoeve	r Will be sold to vendors.		
		packing			Times sold to volidoro.		
		packing materials					
		Operation Phase			T		
		''		ode of waste	Mode of Disposal / Reuse		
		waste or	ı CO	llection			
	<u> </u>						

			Outside		1 1	
			Quantity (Kg/day)			
		Dry waste	489	Into bins to be provided within premises.	Door to door waste collection system of AMC / AUDA.	
		Wet waste	326	Into bins to be provided within premises.	Door to door waste collection system of AMC/ AUDA.	
		 Capacity as bins with 80 lit capacity Landfill site 	nd no. of co of lit capacity will be provi where was	will be provided fo ded for commercial	disposed by local authority: At the	
15.	Parking Details	·				
16.	Traffic Management	 Width of adjacent public roads: 24 m wide road. Number of Entry & Exit provided on approach road/s: one gate is proposed. Width of Entry & Exit provided on approach road/s: 7.5 m Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation):6 m Width of all internal roads:7.5 m 				
17.	Details of Green Building measures proposed.	applications.	Lead free		paving blocks and any cement be used for painting wooden and	
18.	Energy Requirement, Source and Conservation	 Maximum of Connected Source: To Energy samaximum of DG Sets: 	demand: 100 load: 2000 rrent Power ving measu use of natura	KVA Limited ures: Use of ener al light through prop DG sets:1 x 150 K	gy efficient electrical appliances, er building orientation etc.	
19.	Fire and Life Safety	Dedicated	undergroui	nd & terrace wa	ter tanks for fire fighting, fire	

	Manageman	a vitira avvita la	ana fina alam		autamal budaata 0	-4 ""
	Measures	extinguishers, fire alarms, hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, auto operation with pressure switch, first aid box,				
			•	lephone numbers		
		Name of the state of the s	ne nearest fire	station: Chandkh	eda Fire Station	
		Distance f	rom the project	site: About 3 Km	1	
			red by the fire	tender to reach th	ne project site: 10 minutes.	
20.	Details on stairc				,	
	Type of	Floor area	Number of	Width of Stair	Distance of stair case	
	block	(m²)	Stair case	case in m	from the farthest corner	
	Block A +B	1004.16	1	2.1	<30 m	
	Block C	552.08	1	2.1	<30 m	
	Block D	552.08	1	2.1	<30 m	
21.	Rain Water	 Level of th 	e Ground water	er table:		
	Harvesting	• No. & dim	ensions of RW	H tank(s):nil		
	(RWH)	No. and de	epth of percola	tions wells:3 nos.	of percolating wells, 10 m	
		Details on	Pre-treatment	facilities :		
22.	Green area	• Tree cove	red area (m²):8	58 38		
	details		` ,	and bushes (m²):		
			•	` '		
			ered area (m²):			
			en Area (m²):1,			
		Green Are	a % of plot are	a:10%		
		No. of tree	s and species	to be planted:130)	
23.	Budgetary	Allocation o	f Rs. 14.0 lacs	has been propos	sed for water sprinklers, ba	arricades,
	allocation for	waste wate	er & waste r	nanagement, pro	ovision of PPEs etc. du	uring the
	Environmental	construction	phase. Capita	al cost of Rs. 26	.0 lacs and recurring cost	of Rs. 6
	Management		•		energy efficient appliance	
	Plan		• •		ground water recharge, wa	
	(Rs. in lacs)			• •	during the operation phas	
24.	Dust control			<u> </u>	to avoid dust generation et	
24.	measures	Water Sprin	dirig, maintaini	ing roads & trees	to avoid dust generation et	.0.
25.	Eco friendly	Fly ash & n	ozzolana cem	ent will be used	in concrete, paving blocks	and anv
20.	building				els will be used for painting	•
	material usage	and metal s		, с		
	details.					
26.	Details of basic	Adequate s	anitation facilit	ies, drinking wat	er, bins for collection of	municipal
	amenities to be	solid waste.		_		
	provided to					
	construction					
	workers.					
27.	Documents				ne of Mr. Babubhai Patel	
	related to land	through thei	r power of Atto	rney holder Mr. N	Malay B. Patel i.e the applic	ant.
	possession.					

During the meeting, the project proponent was suggested to increase the parking provision and to make use of solar energy at the extent possible. After detailed discussion, it was decided to consider the project only after submission of the following:

- 1. Explore the possibility of increasing the parking area provision for the project. Revised detailed on parking area provision based on the actual parking requirement for the commercial units as per NBC norms and considering the increased parking areas.
- 2. Layout plan showing two gates for entry / exit.

- 3. Proposal for providing two staircases in the buildings having floor area more than 500 m² on each floor and plans showing the same.
- 4. Explore the possibility of providing solar street lights, solar panels, solar water heaters etc. and details of the same along with the no. of solar street lights, solar panels, solar water heaters etc. to be provided.

2.	Building construction	Block Number 699, 750, 738/b, F.P. No:	Screening & scoping /
	project by M/s Gala Safal	157 + 193/2 + 199/p, Draft TPS No: 3,	appraisal.
	Developers.	Ghuma, Tehsil: Daskroi, District:	
		Ahmedabad	

Sr. No.	Particulars	Details			
1.	Proposal is for	New Project [SIA/GJ/NCP/33671/2015]			
2.	Type of Project	Residential Cum Commercial			
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)			
4.	Name of the project	Residential Cum Commercial			
5.	Name of Developer	Gala Safal Developers			
6.	Estimated Project Cost (Rs. In Crores)	80 Crores			
7.	Whether construction work has been initiated at site? If yes, details thereof	No			
8.	Project Details	 Land / Plot Area (m²): 19,325 Net Plot Area (m²): 11,594.49 FSI area (m²):31,305.12 Total BUA (m²):61,497.77 			
			Permissible	Proposed	
		FSI Area (m ²)	31,305.12	31,305.12	
		Ground Coverage (m ²)	NA	3,582.76	
		Common Plot Area (m²)	1,159.4	1,160	
		Max. building height (m)	NA	45	
9.	Building Details	 No. of Buildings:8 residential + 1 commercial No. of Blocks: 8 residential + 1 commercial Scope of buildings/blocks: 8 residential buildings – 2 level basement + hollow plinth + 14 floors. 1 commercial building – 2 level basement + ground floor + 2 floors. No.& size of Residential Units: 387 units No. & type of Commercial Units: 72 shops Details of amenities if any: one society office 			
10.	No. of expected residents / users	1886 occupants and 300 visito	rs		
11.	Water & waste water details	Water requirement (KL/day): Source of water: Water tanker	rs		
	during	 Waste water generation quar 	ntity (KL/day): 5./3		

	construction	Mode of dispose	sal: Soak nit			
	phase	Details of reuse of water, if any: No				
12.	Water & waste	Total water red				
	water details	• Fresh water requirement (KL/day): 160.44				
	during operation	Source of water				
	phase			ity (KL/day): 196.9	11	
	'	_	•	ound drainage lin		
		•	•	city of STP: Yes,		
		• STP Technolo	•	icity of 511. 165,	175 KL/day	
				ization: gardening	8 fluching	
		_			ardening (KL/day):	5 22 2
		Flushing (KL/d		be reuseu.r.G	arderiirig (KL/day).	5.22, 2.
		O (• /	tem (Yes/No): Ye		
				•		wage to
					be discharged: Se	
					k & grey sewage a STP. Treated grey	
		_			oses within premise	_
					ng with the untreat	
			•	the drainage line	•	ou bluck
		Mode of dispose	J. 7 (JD) (.			
13.	Status of water	Available at 150				
	supply and	, .valiable at 100		•		
	drainage line					
14.	Solid waste	Construction Ph	ase:			
	Management		Generation	Quantity to be	Mode of	
			(m ³)	reused (m ³)	Disposal /	
			,	,	Reuse	
		Top Soil	2900	2900	Development	
					of landscape	
					area	
		Other	55100	24360 m ³ will	Balance earth	
		excavated		be used for	will be used at	
		earth		back filling	other projects	
				and raising	as per	
				plinth level.	requirement.	
		Construction	600	380 m ³ will be	Balance	
		debris		used for	debris will be	
				development	handed over	
				of internal	to AUDA	
		Otesale	45	road.	0-1-1-1-	
		Steel scrap	15	0	Sold to	
		Discount			vendors	
		Discarded	8	0	Sold to	
		packing			vendors	
		materials	1	1		
		Operation Phase	0:			
		Operation Phase		Mode of	Modo of	
		Type of waste	Generation	Mode of	Mode of	
			Quantity	waste collection	Disposal / Reuse	
		Drywooto	(Kg/day)		Sold to	
		Dry waste	453.6	White bins		
		Wet waste	680.4	Green Bins	vendors Municipal bins	
1			1 DOU.4	i Green DIDS	i wuunddai oms l	1
		STP Sludge	9	Green Bins	Municipal bins	

	1	,
		 Details of segregation if to be done: yes Capacity and no. of community bins to be placed within premises: 15 kg and 10 number of community bins to be placed in common area Landfill site where waste will be ultimately disposed by local authority: at the nearby waste collection point of AUDA/AMC.
15.	Parking Details	 Total parking area requirement for the project as per GDCR:7195.7 m² Parking area requirement for residential units as per GDCR: 5637.90 m² Parking area requirement for Commercial units as per GDCR: 1557.8 m² Total number of CPS requirement for the project as per NBC: 257 Number of CPS requirement for residential units as per NBC: 194 Number of CPS requirement for commercial units as per NBC:63 Total Parking area provided (m²) & No. of CPS: 19,315.7 & 622 CPS Parking area provided in basement (m²) & No. of CPS:16,117.5 & 503CPS Parking area provided in hollow plinth (m²) & No. of CPS:2448.2 & 87 CPS Parking area provided as open surface (m²) & No. of CPS: 750 & 32 CPS
16.	Traffic Management	 Width of adjacent public roads: Two 24 m wide roads Number of Entry & Exit provided on approach road/s: Three gates will be provided. Width of Entry & Exit provided on approach road/s: 7.5 m & 4.5 m Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 4.5 m Width of all internal roads: 4.5 m, 6.0 m & 7.5 m.
17.	Details of Green Building measures proposed.	Maximum use of natural lighting through architectural design, energy efficient motors & pumps, water efficient taps, maximum use of RMC & aerated blocks, use of LED lighting fixtures and low voltage lighting, solar lighting in open and landscape areas- 12 numbers of solar lighting, roof-top thermal insulation, rain water harvesting & ground water recharge through 3 nos. of percolating wells, STP for grey sewage & reuse of treated grey sewage etc.
18.	Energy Requirement, Source and Conservation	 Power supply: Maximum demand: 2750 KVA Connected load: 3000 KVA Source: UGVCL % of saving with calculations: ~40% by use of LED & solar lights and star rated energy efficient electronic consumer durables Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular form: only roof area DG Sets: No. and capacity of the DG sets:1 x 40 KVA Fuel & its quantity: HSD, 10 litre/hr
19.	Fire and Life Safety Measures	 During Construction Phase: Provision of Personal Protective Equipment's (PPEs) to the construction workers and its usage shall be ensured and supervised, training to all workers on construction safety aspects, first aid room with first aid kit, doctor & ambulance service. During operation phase (Commercial): Fire extinguishers, hose reel, manually operated electric fire alarm system, down comer, automatic sprinkler system in basement, underground static water storage tank-200 KL capacity, terrace tank -80 KL capacity (total capacity), pump near underground static water storage tank (fire pump) with minimum Pressure of 3.5 kg/cm2 at terrace level etc.

20.	Details on staircase						
	Type & no of building		Floor area m ²	No. of staircase	Width of the staircase (m)	Travel distance (m)	
	А	G/HP +14	353.57	1	2.0	18	
	В	G/HP +14	353.13	1	2.0	18	
	С	G/HP +14	353.13	1	2.0	18	
	D	G/HP +14	353.57	1	2.0	18	
	E	HP + 14	407.29	1	2.0	21	
	F	HP + 14	407.81	1	2.0	21	
	G	HP + 14	231.44	1	2.0	16	
	Н	HP + 14	406.93	1	2.0	21	
21.	Rain Water Harvesting (RWH)	No. & dimeNo. and de	pth of percolat	H tank(s) : 3 Netions wells : 3 i	o and 2.5m X 2. no and 15 m nd grease remo		
22.	Green area details	 Tree covered area (m²):400 Area covered by shrubs and bushes (m²):250 Lawn covered area (m²):510 Total Green Area (m²):1160 Green Area % of plot area: 10% No. of trees and species to be planted: 174 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar. 				do,	
23.	Dust control measures		•	•	covered shed for paulin sheet etc		ng
24.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	area, covering the excavated earth with tarpaulin sheet etc. Allocation of Rs. 54 lacs & Rs. 13 lacs as capital cost & recurring cost respectively has been made for EMP & EMS.					
25.	Details of ecofriendly building materials	Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC, lead free paints etc.			1C,		
26.	Details of amenities to be provided to construction workers.	Sanitation facilities, maintaining hygienic condition at the project site to avoid health problems, safe drinking water, PPEs, first aid room with first aid kit & welfare facilities as per the Gujarat Building & Other Construction Workers Rules.					
27.	Documents related to land possession	Revised distribution form under Gujarat Town Planning & Urban Development Act – 1976 shows that the land has been allocated to M/s Gala Safal Developers.			Sala		

During the meeting, the project proponent was suggested to use remaining quantity of treated sewage for development of tree plantation on both the sides of the road outside the premises with permission from the concerned authority and the project proponent was agreed to do so. After detailed discussion, it was decided to consider the project only after submission of the following:

1. Full size project plans showing building wise & floor wise built up area, FSI area, Floor area & plot area

statement of the project.

- 2. Zoning certificate or N.A permission order for the project site showing the permissible use of the project site for residential & commercial use.
- 3. Details with back up calculation showing that how much of the total energy & water requirement for the project will be compensated through the proposed energy conservation measures & reuse of treated sewage respectively.

3.	Twin Towers (Old Name:	R.S.No.26/2,27/p, P.No.1+1&2,	Screening & scoping.
	Sun City Towers)	F.P.No.31/4, 29/2, T.P.S.No.7, O.P.No.	
		29, 31/p, Nanamava, Dist: Rajkot.	

Sr. No.	Particulars	Details			
1.	Proposal is for	New Project [SIA/GJ/NCP/33157/2015]			
2.	Type of Project	Commercial Project	•		
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)			
4.	Name of the project	Twin Towers (Old name : Su	ın City towers)		
5.	Name of Developer	Evercon Developers Ltd.			
6.	Estimated Project Cost (Rs. In Crores)	50 crore			
7.	Whether construction work has been initiated at site? If yes, details thereof	No construction work has been started.			
8.	Project Details	 Land / Plot Area (m²): 9,706.0 FSI area (m²):29,234.09 Total BUA (m²):57,013.68 			
			Permissible	Proposed	
		FSI Area (m ²)		29,234.09	
		Ground Coverage (m ²)		2,452.00	
		Common Plot Area (m²)		975.41	
		Max. building height (m)		70	
9.	Building Details	No. of Buildings:3 No. of Blacker5			
		No. of Blocks:5	a //		
			• ,	ks) – 2 level basement + ground	
		floor + 21 floors, 1 building		t + ground floor + 3 floors	
		No.& size of Residential Units:N.A			
		No. & type of Commercial Units:328 Offices & 51 Showrooms.			
10.	No. of expected residents / users	Resi3800 users including floating population			
11.	Water & waste	Water requirement (KL/day):30.0			
	water details	Source of water: Rajkot Mu	unicipal Corporation	n (RMC) water supply	
	during construction phase	Waste water generation qu	antity (KL/day):4.5		
	construction pridse	Mode of disposal: Into septing	tic tank & soak pit.		

		Details of	reus	e of wa	ter, if a	ny:N.A.	
12.	Water & waste	• Fresh wa	ter re	quirem	ent (KL	/day):140.0	
	water details	Source of	f wate	er:RMC	water	supply	
	during operation					ntity (KL/day):1	22.0
	phase		_		•	age line of RMC	
13.	Status of water					vill be provided	
	supply and	Trate: eapp	., .	ar am rag (so provided	2, 1e.
	drainage line						
14.	Solid waste	Construction	n Ph			,	
	Management			Genera (m³)	ation	Quantity to be reused (m ³)	Mode of Disposal / Reuse
		Top Soil		65,800)	65,800	Top soil will be used in
		Other					developing garden area
		excavated	מ				and excavated earth will be used for land levelling
		Cartii					within premises.
		Construct	ion	Whatse	never	Whatsoever	Will be used as road sub
		debris		vviialo	OC VEI	VVIIALOUGVEI	base within premises.
		Steel scrap		Whatse	oever	Whatsoever	Will be sold to vendors.
			•				
		Discarded	t	Whatse	oever	Whatsoever	Top soil will be used in
		packing					developing garden area
		materials					and excavated earth will be
							used for land levelling within premises.
							Within promises.
		Operation I	Phase	e:			
		Type of		nerati	Mode	of waste	Mode of Disposal / Reuse
		waste	on		collec	ction	
			Quantity(
			Kg/				
		Dry waste	511	provid		ins to be	Door to door waste collection system of RMC.
		Wasie					collection system of Kivic.
		Wet	341	1	premises. Into bins to be		Door to door waste
		waste		provided within			collection system of RMC.
					prem		
			•	•		e done: No.	
						•	laced within premises: Total 74
		bins with	80 lit	capacit	ties will	be provided.	
		• Landfill si	ite wh	nere wa	ste will	be ultimately d	lisposed by local authority: at the
		nearest M	/ISW	collection	on poin	t of RMC.	
15.	Parking Details	Total parl	king a	area rec	uireme	ent for the proje	ect as per GDCR: 14,552.65 m ² .
		Parking a	rea r	equiren	nent foi	Commercial u	nits as per GDCR: 14,552.65 m ² .
		_		-			oject as per NBC:292 CPS
					•	•	I units as per NBC:292 CPS
				•			PS:15,096.78 m ² & 500 CPS
			_	-		•	& No. of CPS: 6,377.44 m ² & 199
		CPS					2.1.2. 3. 3. 3. 3. 3.7.111111 3. 100
			irea r	rovideo	l in 2 nd	basement (m²)	& No. of CPS: 6,377.44 m ² & 199
		- i anding a	., ou p		4	2300mont (m)	3 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.

Parking area provided as open surface (m²) & No. of CPS: 2,341.90 m² & 102 CPS. Width of adjacent public roads: 45 m, 12 m & 9 m wide roads. Number of Entry & Exit provided on approach road/s: Width of Entry & Exit provided on approach road/s: Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 6 m. Width of all internal roads:7.50 m. Ply ash/PPC will be used in concrete, paving blocks and any cemer applications. Lead free paint, enamels will be used for painting wooden and metal surfaces. Provision of CFL/LED lights. Benergy Requirement, Source and Conservation Requirement, Source: Paschim Gujarat Vij. Company Ltd. Dia Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, aut operation with pressure switch, first aid box, displaying of important telephone numbers etc. Details on staircase: Type of Distance of stair Number of Width of Stair No. of floors case from the farthest corner (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2.0 2 B + G + 21 Slock B 25.26 2 2 2.0 2 B + G + 21 Slock B 25.26 2 2	1		CPS						
CPS. Traffic Management Width of adjacent public roads: 45 m, 12 m & 9 m wide roads. Number of Entry & Exit provided on approach road/s: Number of Entry & Exit provided on approach road/s: Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 6 m. Width of all internal roads:7.50 m. Fly ash/PPC will be used in concrete, paving blocks and any cemer applications. Lead free paint, enamels will be used for painting wooden and metal surfaces. Provision of CFL/LED lights. Power supply: Paschim Gujarat Vij. Company Ltd. Maximum demand:1500 KVA Source: Paschim Gujarat Vij. Company Ltd. Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms have resels, external hydrants & wer risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, aut operation with pressure switch, first aid box, displaying of important telephone numbers etc. Details on staircase: Type of Distance of stair Number of Stair case (m) farthest corner (m) Block A 25.26 2 2 2.0 2 B + G + 21 Block B 25.26 2 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 21 Evel of the Ground water table: No. & dimensions of RWH tank(s):Nii No. and depth of percolations wells:4 nos. of percolating wells. Details on Pre-treatment facilities:						No. of ODC: 0.044	1.00 2.0 1.00		
Traffic Management									
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Width of Entry & Exit provided on approach road/s: Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 6 m. Width of all internal roads:7.50 m.	16.		-						
Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 6 m. Width of all internal roads:7.50 m.		ivianagement		•	• •				
tender (excluding the width for the plantation): 6 m. Width of all internal roads:7.50 m. Fly ash/PPC will be used in concrete, paving blocks and any cemer applications. Lead free paint, enamels will be used for painting wooden are metal surfaces. Provision of CFL/LED lights. Requirement, Source and Conservation Power supply: Paschim Gujarat Vij. Company Ltd. Maximum demand:1500 KVA Connected load:2500 KVA Source: Paschim Gujarat Vij. Company Ltd. Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephoninumbers etc. Details on staircase: Type of Distance of stair Stair case Case (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 21 Energy saving measures: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephoninumbers etc. Details on staircase: Yee of Distance of stair Number of Stair case (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural Vij. Company Ltd. Energy saving measures: Use of energy efficient electrical appliances, maximum us				Width of Entry & Exit provided on approach road/s:					
Width of all internal roads:7.50 m.			Minimum wice						
17. Details of Green Building measures proposed. Fly ash/PPC will be used in concrete, paving blocks and any cemer applications. Lead free paint, enamels will be used for painting wooden and metal surfaces. Provision of CFL/LED lights.			tender (exclu	ding the width f	or the plantation):	6 m.			
Building measures proposed. Building measures proposed. applications. Lead free paint, enamels will be used for painting wooden and metal surfaces. Provision of CFL/LED lights. Power supply: Paschim Gujarat Vij. Company Ltd. Aximum demand:1500 KVA Connected load:2500 KVA Source: Paschim Gujarat Vij. Company Ltd. Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephon numbers etc. Details on staircase: Type of Distance of stair Stair case from the farthest corner (m) Block A 25.26 2 2.0 2B+G+21 Block B 25.26 2 2.0 2B+G+21 Block C 25.29 1 2.0 2B+G+21 Block C 25.29 1 2.0 2B+G+3 Place of the Ground water table: Harvesting (RWH) No. and depth of percolations wells:4 nos. of percolating wells. Details on Pre-treatment facilities:			 Width of all ir 	nternal roads:7.	50 m.				
proposed. metal surfaces. Provision of CFL/LED lights. energy Requirement, Source and Conservation Power supply: Paschim Gujarat Vij. Company Ltd. Maximum demand:1500 KVA Connected load:2500 KVA Source: Paschim Gujarat Vij. Company Ltd. energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. DG Sets: No. and capacity of the DG sets: 2 × 150 KVA Fuel & its quantity:50 lit/hr During the operation phase: Underground water tanks- 90 KL × 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephonin numbers etc. Details on staircase: Type of Distance of stair Number of Width of Stair No. of floors case from the Stair case case (m) Block A 25.26 2 2.0 2B+G+21 Block B 25.26 2 2.0 2B+G+21 Block C 25.29 1 2.0 2B+G+21 Rain Water Harvesting (RWH) No. and depth of percolations wells:4 nos. of percolating wells. Details on Pre-treatment facilities:	17.		, ,	will be used	in concrete, pa	ving blocks and	any cement		
18. Energy Requirement, Source and Conservation • Power supply: Paschim Gujarat Vij. Company Ltd. Maximum demand:1500 KVA Connected load:2500 KVA Source: Paschim Gujarat Vij. Company Ltd. • Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. • DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr 19. Fire and Life Safety Measures During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, auto operation with pressure switch, first aid box, displaying of important telephone numbers etc. 20. Details on staircase: Type of Distance of stair Number of Width of Stair case (m) farthest corner (m) Block A 25.26 2 2.0 2B+G+21 Block C 25.29 1 2.0 2B+G+21 Block C 25.29 1 2.0 2B+G+21 Block C 25.29 1 2.0 2B+G+3 21. Rain Water Harvesting (RWH) • Level of the Ground water table: • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:		•	ures applications. L	ead free paint,	enamels will be	used for painting	wooden and		
Requirement, Source and Conservation Maximum demand:1500 KVA Connected load:2500 KVA Source: Paschim Gujarat Vij. Company Ltd. • Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. • DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephone numbers etc. Details on staircase: Type of Distance of stair Number of Width of Stair No. of floors case from the farthest corner (m) Block A 25.26 2 2.0 2 B + G+ 21 Block C 25.29 1 2.0 2 B + G+ 21 Block C 25.29 1 2.0 2 B + G+ 3 PLevel of the Ground water table: No. & dimensions of RWH tank(s):Nil No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:		proposed.	metal surfaces	. Provision of C	FL/LED lights.				
Connected load:2500 KVA Source: Paschim Gujarat Vij. Company Ltd. • Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. • DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr 19. Fire and Life Safety Measures During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autooperation with pressure switch, first aid box, displaying of important telephone numbers etc. 20. Details on staircase: Type of Distance of stair Number of Width of Stair No. of floors case from the Stair case (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 5 B + G + 21 Block C 25.29 1 2.0 5 B + G + 21 Evel of the Ground water table: • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:	18.	•	 Power supply 	/: Paschim Guja	ırat Vij. Company	Ltd.			
Conservation Conservation Conservation Conservation Conservation Source: Paschim Gujarat Vij. Company Ltd. Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephone numbers etc. Details on staircase: Type of Distance of stair Number of Width of Stair No. of floors case from the farthest corner (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 3 Call Rain Water Harvesting (RWH) No. and depth of percolations wells:4 nos. of percolating wells. Details on Pre-treatment facilities:			Maximum de	mand:1500 KV	4				
Source: Paschim Gujarat Vij. Company Ltd. • Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. • DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr 19. Fire and Life Safety Measures During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephone numbers etc. 20. Details on staircase: Type of Distance of stair Number of Stair case (m) Block A 25.26 2 2.0 2B+G+21 Block B 25.26 2 2.0 2B+G+21 Block C 25.29 1 2.0 2B+G+3 1. Rain Water Harvesting (RWH) • Level of the Ground water table: • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:			Connected Id	ad:2500 KVA					
maximum use of natural light through proper building orientation etc. • DG Sets: No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr 19. Fire and Life Safety Measures During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephone numbers etc. 20. Details on staircase: Type of Distance of stair Number of Width of Stair No. of floors case from the farthest corner (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 3 21. Rain Water Harvesting (RWH) • Level of the Ground water table: • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:		Conservation	Source: Paso	chim Gujarat Vij	. Company Ltd.				
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No. and capacity of the DG sets: 2 x 150 KVA Fuel & its quantity:50 lit/hr 19. Fire and Life Safety Measures During the operation phase: Underground water tanks- 90 KL x 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephone numbers etc. 20. Details on staircase: Type of Distance of stair Number of Stair case (m) Block a 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 3 21. Rain Water Harvesting (RWH) • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:			maximum use of natural light through proper building orientation etc.						
Fuel & its quantity:50 lit/hr 19. Fire and Life Safety Measures Safety Measures During the operation phase: Underground water tanks- 90 KL × 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephone numbers etc. Details on staircase: Type of Distance of stair Number of Block Case from the farthest corner (m) Stair case Case (m)			DG Sets:						
19. Fire and Life Safety Measures During the operation phase: Underground water tanks- 90 KL × 2 nos., terrace water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autoperation with pressure switch, first aid box, displaying of important telephone numbers etc. 20. Details on staircase: Type of Distance of stair Number of Width of Stair No. of floors case from the farthest corner (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 21 Calculate the ground water table: Pair Water Harvesting (RWH) No. & dimensions of RWH tank(s):Nil No. and depth of percolations wells:4 nos. of percolating wells. Details on Pre-treatment facilities:			No. and capa	acity of the DG s	ets: 2 x 150 KVA				
Safety Measures water tank of 20 KL capacity on all the buildings, fire extinguishers, fire alarms hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, autooperation with pressure switch, first aid box, displaying of important telephone numbers etc. 20. Details on staircase: Type of Distance of stair Number of Width of Stair No. of floors case from the farthest corner (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 3 21. Rain Water Harvesting (RWH) • Level of the Ground water table: • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:			Fuel & its qua	antity:50 lit/hr					
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operation with pressure switch, first aid box, displaying of important telephone numbers etc. 20. Details on staircase: Type of Distance of stair Case Number of Stair Case (m) Block Stair case Stair Case (m) Block				•					
numbers etc. 20. Details on staircase: Type of block case from the farthest corner (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 3 21. Rain Water Harvesting (RWH) No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:			•		•	•	•		
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Type of block Distance of stair case rom the stair case (m) Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 21 21. Rain Water Harvesting (RWH) • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:									
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Sock A 25.26 2 2.0 2 B + G + 21		1 1				NO. Of floors			
Block A 25.26 2 2.0 2 B + G + 21 Block B 25.26 2 2.0 2 B + G + 21 Block C 25.29 1 2.0 2 B + G + 3 21. Rain Water Harvesting (RWH) • Level of the Ground water table: • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:		DIOCK		Stall Case	case (III)				
Block B Block C 25.29 1 2.0 2 B + G + 21 25.29 21. Rain Water Harvesting (RWH) • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities:		Block A		2	2.0	2 B + G+ 21			
 Rain Water Harvesting (RWH) Level of the Ground water table: No. & dimensions of RWH tank(s):Nil No. and depth of percolations wells:4 nos. of percolating wells. Details on Pre-treatment facilities : 		Block B	25.26		2.0				
Harvesting (RWH) • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities :		Block C	25.29	1	2.0	2 B + G+ 3			
(RWH) • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities :	21.		• Level of the	Ground water ta	ble:				
No. and depth of percolations wells:4 hos. of percolating wells. Details on Pre-treatment facilities :		_	No. & dimens	sions of RWH ta	nk(s):Nil				
		(KVVH)	 No. and dept 	h of percolation	s wells:4 nos. of p	percolating wells.			
			Details on Pr						
22. Green area details • Tree covered area (m²):100.0	22.	Green area de	tails • Tree covered						
• Area covered by shrubs and bushes (m ²):			Area covered	d by shrubs and	bushes (m ²):				
• Lawn covered area (m²):900.0				•	` '				
• Total Green Area (m²):1000.0									
• Green Area % of plot area:10%									
No. of trees and species to be planted:147				•					
23. Budgetary Allocation of Rs. 14.5 lacs has been proposed for water sprinklers, barricades	23.	Budgetary		•	•	for water sprinkler	s, barricades		
allocation for waste waste management, provision of PPEs etc. during the					• •				
Environmental construction phase. Capital cost of Rs. 25.3 lacs and recurring cost of Rs. 5.5	1				-		_		
Management Plan Lacs has been proposed for installation of energy efficient appliances, green			CONSTRUCTION OF	construction phase. Capital cost of Rs. 25.3 lacs and recurring cost of					
(Rs. in lacs) belt development, rain water harvesting & ground water recharge, waste water		•	Plan Constituction pi	lacs has been proposed for installation of energy efficient appliances.					
279 th meeting of SEAC-Gujarat, Dated 17.02.2016		Management F (Rs. in lacs)	Plan lacs has been	proposed for	nstallation of end	ergy efficient appl	iances, green		

		management, solid waste management etc. during the operation phase.
24.	Dust control measures	Water sprinkling, maintaining roads & trees to avoid dust generation etc.
25.	Eco friendly building material usage details.	Fly ash & pozzolana cement will be used in concrete, paving blocks and any cement applications. Lead free paint, enamels will be used for painting wooden and metal surfaces.
26.	Details of basic amenities to be provided to construction workers.	, , , , , , , , , , , , , , , , , , , ,

During the meeting, it was presented that they have applied for obtaining environmental clearance for the project named "Sun City Towers", but they now want to change the name of the project to "Twin Towers". While asking by the committee, it was clarified that the project developer as well as the project proponent/applicant remains unchanged as mentioned in the application form. The request of change in the project name was considered by the committee. Fire fighting measures proposed by them were discussed during the meeting and it was presented that automatic sprinklers will be provided in entire buildings. The project proponent was suggested to make use of solar energy in the form of solar street lights, solar water heaters, solar panels etc. After detailed discussion, it was decided to appraise the project further only after submission of the following:

- 1. Copy of permission obtained from Airports Authority of India for the proposed building height.
- 2. Proposal for providing STP for treatment of sewage to be generated during the operation phase. Details of the Sewage Treatment Plant including its capacity, size of each unit, retention time, other technical parameters etc. along with the budget allocation for its installation, operation & maintenance. Quality of treated sewage and application wise break-up of treated sewage quantity to be recycled / reused in flushing & green belt development, its location on the layout plan, STP sludge management plan etc.
- 3. Revised water balance details considering the reuse of treated sewage for purposes like flushing, gardening etc. within premises.
- 4. Layout plan showing the entry & exit gates, width of entry & exit, ramps to basement & width of ramps.
- 5. Floor area details on each floor of all the buildings, requirement & provision of staircases as per the requirement of GDCR & NBC norms, details on travel distance of the staircase from the farthest corner of the floor as well as between the two consecutive staircases, details of the exits and staircases on each floor in high rise buildings for evacuation from the top level to the street level along with floor wise evacuation plan in case of emergency etc.
- 6. Calculation and provision of minimum fire water requirement based on fire study as well as the availability of external fire fighting facility. Plans showing location of automatic sprinklers to be provided in all the buildings. Details on provision of refuge area/ skip floor as per the requirement of NBC.
- 7. Land possession documents showing ownership of land of all the survey numbers / F.P.Numbers by the applicant, list of partners & directors of the company, copy of permission obtained for non agricultural use of the project site for commercial use or a copy of documents showing the correspondences made in this regard and copy of agreement made between the land owners & developers (if any).
- 8. Structural stability certificate showing that the buildings will be designed considering seismic zone-IV.
- 9. Perspective view of the building(s) to be constructed along with the materials used such as fibers, glass, etc. on the facades or external walls and the impacts thereof on the nearby buildings / residents due to heat island effect and emissions from the air conditioning systems.

10. Details on provisions to make the project energy efficient and adoption of modes of alternative eco friendly sources of energy, solar street lighting, solar water heaters, solar panels etc. Measures proposed to comply with the ECBC norms / other international norms proposed for energy conservation. Details with back up calculation showing that how much of the total energy requirement of the proposed high rise buildings of the project will be compensated by the proposed energy conservation measures.

4.	Building construction	B. No.43, F.P.No.45, O.P.No.40, T.P.S.	Screening	&	scoping	/
	project by Dilipbhai D.	No- 17 (Puna), DistSurat	appraisal.			
	Patel.					

	· · · · · ·	ect as presented before the co		ed below:							
Sr. No.	Particulars		Details								
1.	Proposal is for	New Project [SIA/GJ/NCP/33	637/2015]								
2.	Type of Project	Residential & Commercial									
3.	Project / Activity	8(a)									
	No. [8(a) or 8(b)]	<u> </u>	Building construction project by Mr. Dilipbhai D. Patel								
4.	Name of the	Building construction project I	by Mr. Dilipbhai D. P	atel							
	project	Ma Diliabbai D. Datal									
5.	Name of	Mr. Dilipbhai D. Patel									
6.	Developer Estimated	30 Crore									
0.	Project Cost	30 Clole									
	(Rs. In Crores)										
7.	Whether	No.									
	construction										
	work has been										
	initiated at site?										
	If yes, details										
	thereof										
8.	Project Details		• Land / Plot Area (m²): 13,175.0								
		• FSI area (m²): 26,501.43									
		• Total BUA (m²): 41,806.72									
		Permissible Proposed									
		FSI Area (m²) 29,446.04 26,501.43 Ground Coverage (m²) 5,731.04 5,727.12 Common Plot Area (m²) 1,317.50 1,318.05 Max. building height (m) 45 17.95									
		Max. building height (m)	45	17.95							
9.	Building Details	No. of Buildings: 10 Nos.									
0.	Ballaling Botalio										
		No. of Blocks: 18 Nos. Ocean a file illians (Landon Bossesses)									
		• Scope of buildings/blocks: Basement + ground floor (parking & shops) + 5									
		floors,									
		& size of Residential Units: 352 Nos. (2 BHK- 140 & 3 BHK -212)									
		No. & type of Commercial Units: 24 Nos. of Shops									
		Details of amenities if any: No									
10.	No. of expected	1584 nos. residential users, 2	4 Commercial users								
	residents / users	·									
11.	Water & waste	• Water requirement (KL/day): 15.95								
	water details	Source of water: water supplemental	oly from S.M.C								
	during	Waste water generation quality	•								
	construction	Mode of disposal: disposed	• • • • • • • • • • • • • • • • • • • •	tic tank and soak nit							
	phase	·	•	•							
		 Details of reuse of water, if 	any: wasning water	or construction equipments							

Water & waste water details during operation phase Status of water supply and drainage line Solid waste Management	Source of waterWaste water ofMode of dispose	sal: Disposed the bly and undergro	from S.M.C ity (KL/day): 174,0 nrough SMC unde	rground sewer line e available in the a Mode of Disposal / Reuse Excavated		
during operation phase Status of water supply and drainage line Solid waste	Waste water g Mode of dispose SMC water support Construction Ph Top Soil Other	generation quant usal: Disposed the ply and underground ase: Generation (m³)	ity (KL/day): 174,0 nrough SMC under ound sewer line are Quantity to be reused (m³)	rground sewer line e available in the a Mode of Disposal / Reuse		
Status of water supply and drainage line Solid waste	Mode of disposition SMC water suppose Construction Photogram Top Soil Other	ase: Generation (m³)	Quantity to be reused (m³)	rground sewer line e available in the a Mode of Disposal / Reuse		
Status of water supply and drainage line Solid waste	SMC water support of the support of	ase: Generation (m³)	Quantity to be reused (m³)	Mode of Disposal / Reuse		
supply and drainage line Solid waste	Construction Ph	ase: Generation (m³)	Quantity to be reused (m³)	Mode of Disposal / Reuse	area.	
Solid waste	Top Soil Other	Generation (m³)	reused (m ³)	Disposal / Reuse		
Management	Other	(m ³)	reused (m ³)	Disposal / Reuse		
	Other	20,653	20,653	Excavated		
				surplus earth and construction		
	earth			debris will be refilled at low lying areas in the project		
	Construction debris	48	48	premises and top soil will be used for greenbelt development.		
	Steel scrap	5.6 MT	5.04 MT	Disposal to recycler		
	Discarded packing materials	1 MT		Disposal to recycler		
	Operation Phase	e:				
	Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse		
		Dry waste Wet waste	978 Kg	Into bins to be provided within premises	Disposal through door to door waste collection system SMC	
	segregated in se	astes generated wadable wastes and	I			
	each; 15 nos. • Landfill site wi	of bins; nere waste will b	e ultimately dispo	sed by local autho	rity:	
	Khajod					
Parking Details	Parking area rParking area r	equirement for requirement for (esidential units as Commercial units a	per GDCR: 3,866 as per GDCR: 216	.93 m ² .58 m ²	
	Parking Details	Details of seg segregated in collected in seg each; 15 nos. Landfill site wide M.S.W transport Khajod Parking Details Parking area results Parking area results	Details of segregation if to be segregated into biodegradable collected in separate bins. Capacity and no. of community each; 15 nos. of bins; Landfill site where waste will be M.S.W transported from transficting the Khajod Parking Details Total parking area requirement for response parking area requirement for respo	Wet waste Details of segregation if to be done: The solid was segregated into biodegradable and non-biodegracollected in separate bins. Capacity and no. of community bins to be placed each; 15 nos. of bins; Landfill site where waste will be ultimately disposed M.S.W transported from transfer station reaches Khajod Parking Details Total parking area requirement for the project as Parking area requirement for residential units as Parking area requirement for Commercial units as	Wet waste provided within to door waste collection system SMC Details of segregation if to be done: The solid wastes generated wastegregated into biodegradable and non-biodegradable wastes and collected in separate bins. Capacity and no. of community bins to be placed within premises: each; 15 nos. of bins; Landfill site where waste will be ultimately disposed by local author M.S.W transported from transfer station reaches to the final disposed to the site of	

					•			s per NBC: 17		
					•			as per NBC: 14		
			• Nur NA	nber of CF	'S requirem	nent as pei	r NBC for (spec	cify in case of a	ny other):	
			• Tota	al Parking	area provid	ded (m²) &	No. of ECS: 13	3,221.64 m ² , 44	5 nos.	
			• Par	king area إ	provided in	basement	(m ²) & No. of I	ECS: 7,382.14	m2, 231	
			nos							
				king area լ nos.	provided in	hollow plir	nth (m²) & No. o	of ECS: 5,023.3	32 m2,	
					orovided as	s open surf	ace (m²) & No.	of ECS: 816.18	8 m2. 35	
			nos	•			, , , ,		,	
16.	Traffic		• Wid	Ith of adjac	cent public	roads: 18 i	m & 15 m wide	roads		
	Manageme	ent		 Number of Entry & Exit provided on approach road/s: 2 nos. of gates will be provided. 						
					. & Evit pro	vided on a	nnroach road/s	·· 7.5 m		
			 Width of Entry & Exit provided on approach road/s: 7.5 m Minimum width of open path all around the buildings for easy access of fire 							
				 Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 3.0 m 						
		Width of all internal roads: 7.5 m & 4.5 m & 3.0 m								
17.	Details of 0	Details of Green Maximum utilization of natural light, CFL and LED lighting fixtures					res in the			
	Building		common areas, use of solar energy in external lighting (Landscape lighting),							
	measures		aerate	aerated block [cement + fly ash + air mixture] will be used to reduce heat						
	proposed.		stress inside building, ground water recharge through rain water harvesting,							
		sufficient tree cover etc.								
18.	Energy	energy Requirement, Maximum demand: 1500 KW								
	Source and					KW				
	Conservati		Connected load: Source: D.G.V.C.L							
			• Energy saving measures: Maximum utilization of natural light, CFL and							
			• Energy saving measures: Maximum utilization of natural light, CFL and LED lighting fixtures in the common areas, use of solar energy in external							
			lighting (Landscape lighting), aerated block [cement + fly ash + air							
			mixture] will be used to reduce heat stress inside building etc.							
			DG Sets							
			No. and capacity of the DG sets1 x 125 KVA							
		Fuel & its quantity: Diesel & 8 lit/hr.								
19.	Fire and Life Safety			xtinguishe e safety	er, sprinkler	system ar	nd fire hydrant s	systems will be	proposed	
00	Measures									
20.	Details on	stairca:	se			No. of	T	T		
	Name of		& no.	No. of	Floor	staircas	Width of the	Travel		
	Building	of bui	ldings	floors	area	е	staircase(m)	distance (m)		
	Α	1	gle	G + 5	319.76	01	1.22	<30		
	B&C	Jo	int	G + 5	638.03	02	1.22	<30		
	D&E	Jo	int	G + 5	638.03	02	1.22	<30		
	F	Sin	gle	G + 5	245.53	01	1.22	<30		
	IJ-KL- MN	Jo	int	G + 5	500.75	02	1.22	<30		

	GH-OP- QR	oint	G + 5	646.34	02	1.22	<30		
21.	Rain Water Harvesting (RWH)	• No. • No.	& dimensi and depth	round wate ons of RW of percola treatment	H tank(s) : tions wells		IOC: PE		
22.	Green area details	TreeAreaLawTotaGreNo.	e covered a covered on covered al Green A en Area % of trees an	area (m²): by shrubs area (m²): rea (m²): of plot are	346.40 and bushe 738.24 1084.64 a: 8 % to be plan	s (m²): inclusiv	ve in lawn cove		
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Sr. No. 1 2 3 4 5	No. Description Lacs) 1 Landscaping 6 Lacs 2 Groundwater Recharge Structure 6 Lacs 3 Solar Energy Utilization 3 lacs 4 Energy Efficient Lighting 2 lacs 5 Solid Waste Management 1 lacs 6 Monitoring of Air, Water, Noise & Soil 0.75 lacs Total 18.75 Lacs						
24.	Proposed dust control measures during the construction phase		Vertical curtails, water sprinkling, covering the building materials with the tarpaulin sheet etc.						
25.	Eco friendly building material usage details.	Fly as	Fly ash based bricks, Ready Mix Concrete, A.C.C Blocks will be used.						
26.	Amenities for the construction workers.		Sanitation facility, drinking water & tap water, soak pit for domestic waste water collection, first aid box, free medicine, doctor service, PPEs etc.						
27.	Documents related to land possession.	the n	ame of a	7 & 12 su applicant. been subm	Copy of		hat agricultural nade for obta		

During the meeting, after detailed discussion it was decided to recommend the project to SEIAA Gujarat for grant of Environmental Clearance.

5.	Dandi – The Leisure &	Block No. 610, 612, 620, 630, 632, 634,	Screening & scoping.
	Entertainment World	644, 649, 652, 655, 657, - A, 657 - B,	
		664 To 666, 668, 670, 672, 674 to 687,	
		691, 692, 696, 697, Village: Dandi, Ta:	
		Jalalpore, Dist: Navsari.	

Sr. No	Particulars	Details
1.	Proposal isfor	New Project[SIA/GJ/NCP/33007/2015]
2.	Type ofProject	Proposed Construction Project
3.	Project / Activity	8(a)

	No. [8(a) or8(b)]								
	Name of the	Dandi T	he Leisure &Entertai	nmont World					
4.	project	Danui – 1	ne Leisure &Entertai	nment wond					
5.	Name of Developer	Mr. Ashol	c Dalal						
6.	Estimated Project Cost (Rs. InCrores)	Rs. 485.9	3crores						
7.	Whether construction work has been initiated at site? If yes, detailsthereof	No							
			Sr No Title Detaile						
			Sr.No. Title Details						
			1. Plot / Land Area 1,24,487.00 m ²						
		2.	Built-Up Area	27,238.88 m²					
	D : 1D : 1	3.	FSI Area	21,017.20 m ²					
8.	ProjectDetails		 4. Ground Coverage 20,633.81 m² 5. Basement Area Hollow Plinth 						
		5.							
		6. Area 7. Parking Area 9,689.78 m ²							
		8.	8. Greenbelt Area 64,250.55 m ²						
9.	Building Details	Children Administra halls are apartmen	Buildings for Museum, Ticket counter, Aquarium, Indoor games-gym-spa, Children day care, Amphitheater, Cafeteria, Paddle boating, Administration, Club house with swimming pool for villas, 2 nos. of banquet halls are of ground floor only. Buildings accommodating villas, studio apartments, club house for studio houses and service staff will be of Ground floor + 1 floor.						
10.	No. of expected residents / users	4500 Nos	4500 Nos. including visitors, service staff & villa						
11.	Water & waste water details during construction phase	 Source of water: Sweet Water Lake Water requirement(KL/day): 10.0 Waste water generation quantity(KL/day): 3.60 Mode of disposal: Soak Pit 							
12.	Water & waste water details during operation phase	Water GardeSewagMode	 Source of water: Sweet Water Lake Water requirement(KL/day):1,200.0 (Domestic: 900 KL/day + Gardening: 300 KL/day) Sewage generation quantity(KL/day): 720.0 Mode of disposal: Sewage shall be treated in proposed STP of 1000 KLD and treated sewage shall be reused for flushing and gardening 						
13.	Status of water supply and drainageline		e of water: Sweet Wa ed sewage will be cor		ithin premises.				

1	4.	Solid waste Management	 Separate bir (MSW) at di Gram Panch The Construcement bag shall be reuserap shall material, etc. The Propose it will require raise plot are proposed bucutting will be and green be. Top Soil will During Operate Organic waste Estimated (A) For Resident staff and very separate Solid was proposed personal proposed personal proposed personal personal	ty. Generation: (ns shall be provi fferent places ar nayat where Mun uction waste sha s, steel scrap, p used for back fil be sold to aut a, shall be sold o ed Ground level e [1,24,487.00 m rea. The said ea uilding will be de be required. The elt development. be used for Gree tion Phase Waste vegeta Papers, Carto bags, Glass e lential: 4,500 p illa x 600 g/perso bins shall be p ste at ground foroject. e MSW shall	population including visitors, service on/d = 2,700.0 kg/d rovided for collection of Municipal floor at specific locations of the be disposed off to Dandi Gram al Solid Waste is being collected,	di ch is el g s, so e			
			As nor	Parking area Parking area proposed to be requirement provided					
1	5.	ParkingDetails	As per GDCR (m²)	6,939.00	9,689.78				
			As per NBC (Nos.)	CPS – 195	ECS – 421				
1	6.	Traffic Management							
1	7.	DetailsofGreen Building measures proposed.	Provision to install aerated coke (Foam Type) in wash basins, kitchen, low flush water closets in toilet and pressure reducing valves in water pipeline, rain water harvesting & ground water recharge, provision of STP & reuse of treated sewage etc.						
1	8.	Energy Requirement, Source and Conservation							

		 Maximum use of natural light is an integral part of the architectural design. Thermal insulation shall be provided on roof top to conserve energy. Proper orientation of buildings shall be done to get maximum advantage of natural ventilation, wind direction and light. White Tiles shall be used on terrace floor to reduce heat. Solar based LED lights shall be used in landscaped and drive way areas. The poles can be arranged either on one side of the road or in a staggered manner. Bollard LED light shall be used in walk way areas. LED/CFL lighting fixtures shall be used in the common areas for energy saving. Appropriate design to shut out excess heat and maintain indoor air quality.
19.	Fire and Life Safety Measures	Distance of the nearest fire station located near Dudhiya Talav in Navsari City is @ 15.50 km in NE direction from the proposed project site and it will take 30 min. to reach the proposed project site in case of any emergencies.
20.	Details onstaircase	
21.	Rain Water Harvesting (RWH)	
22.	Green area details	Greenbelt area: 4,162.00 m² area.
23.	Budgetary allocation for Environmental Management Plan (Rs. inlacs)	Rs. 2 – 3 Crores.
24.	Proposeddustcontr ol measures during the construction phase	 Sprinkling of water for dust suppression. To avoid dust emission, excavated soil & construction debris shall be sprinkled with water and kept moist. Construction material storage area shall be covered with tarpaulin sheets. Trucks used for transportation of construction material shall be covered to avoid dust dispersion at site. Personal Protective Equipment shall be provided. Project site boundary shall be barricaded with sheet of 15 ft height.
25.	Eco friendly building material usage details.	Fly ash bricks, aerated blocks, paving blocks, RMC, lead free paints etc.
26.	Facilities for construction workers	Drinking water, sanitation facilities, sewage disposal facility, first aid box, free medicines, doctor service etc.

During the meeting, it was found that the project site is at a distance of 200 m from High Tide Line and the project site is adjacent to the Mahatma Gandhi Museum. After detailed discussion, it was decided to appraise the project further only after satisfactory submission of the following:

- Copy of CRZ map or map prepared by one of the authorized agencies authorized by the MoEF for carrying out the CRZ demarcation, on which the project boundary / facilities are superimposed and clearly indicating the proposed project location.
- Details regarding status of application for the CRZ clearance.

- 3. Distance of the project site from the nearest boundary of the Dandi Eco Sensitive Zone and that the proposed tourism activity is permitted at the proposed site.
- 4. Copy of license / permission obtained from concerned competent authority / department for setting up of the proposed tourism project.
- 5. Detailed fresh water consumption & sewage generation quantity based on activities including swimming pool and area of the project as per the NBC norms. Exact source of water supply during operation & construction phase. Permission from the concerned authority for water supply.
- 6. Complete treated sewage management plan including quantity wise break up of treated sewage utilization during the operation phase of the project.
- 7. Complete technical details on water treatment plant & management plan for RO reject.
- 8. Adequacy of open land area available for utilizing of treated sewage for plantation / gardening. Suitability of use of treated sewage on the land with respect to the soil characteristic etc. shall be studied and a report in this regard shall be submitted.
- 9. Details of storm water management. Detailed plan to manage treated wastewater in monsoon season. How it will be ensured that treated sewage won't flow outside the premises linked with storm water during high rainy days.
- 10. Detailed parking plan showing accommodation of two wheelers and four wheelers, its adequacy for the project and norms adopted for the calculations. The details shall include comparative table showing parking requirements as per present VMC/ GDCR and National Building Code (NBC) guidelines and parking area to be provided. The back up calculations showing the numbers and area of residential units in each building, requirement of car parking space according to numbers / area of residential / commercial units, each equivalent car space inclusive of circulation area considered in respect of open parking & ground floor covered parking as per the NBC guidelines etc. shall be furnished. Mark the area of parking on the drawing showing the parking in different colour code. Also details of visitors parking and parking availability during the peak load, whether considered in total parking calculations / provisions or not.
- 11. Details with respect to the quantity of the generation of the garbage / municipal solid waste and plan for its collection, segregation and mode of its disposal. Permission from the concerned authority for collection of municipal solid waste. Explore the possibility of converting the organic waste into the useful end products with the help of in-house organic waste convertor.
- 12. Layout plan showing gates, provision of adequate margin all round the periphery for easy unobstructed movement of fire tender without reversing, main road approaching the project site, width of internal roads etc.
- 13. Details of a village road passing through the project site, if any.
- 14. Details on provisions to make the project energy efficient and adoption of modes of alternative eco friendly sources of energy, solar street lighting, solar water heaters, solar panels etc. Measures proposed to comply with the ECBC norms / other international norms proposed for energy conservation. Details with back up calculation showing that how much of the total energy requirement of the proposed project will be compensated by the proposed energy conservation measures & solar energy utilization.
- 15. Details of fire fighting system including location of fire water tanks & capacity, separate power system for fire fighting, automatic sprinkler system, fire detection system with alarms & automatic fire extinguishers, location of fire lift and fire retardant staircases, details of qualified and trained fire personnel & their job specifications, nearest fire station & time required to reach the proposed site etc. Calculation and provision of minimum fire water requirement based on fire studyStaircase details
- 16. Detailed green belt development plan including area of tree plantation, its demarcation on the map,

- number and types of trees and budget allocation thereof. Also provide the break-up of the greenbelt viz. the tree covered and lawn covered area.
- 17. Detailed scheme of rain water harvesting and ground water recharge, with proper scientific calculations considering depth of ground water table, rainfall in the region, catchment area, land / soil characteristics, ground water recharge rate, duration of rain water harvesting, number of percolation wells etc. Details of provisions of pre-treatment of the rainwater before its recharge. Location of recharge percolation wells on the layout plan.EMP details budget
- 18. Land owner ship documents showing ownership of the land of Block numbers 612,620, 649, 652,655, 657-A & B, 696 & 697.

Ī	6.	Anand Enterprise	R.S.No.111,112,112/p,123/A and 209	Screening & scoping /
			(amalgamated no. 111/p sub plot no. D),	appraisal.
			Village: Umaraj, Dist: Bharuch.	

Sr.	Particulars	Details					
No.	Proposal is for	Now Project ISIA/G I/NCP/3355	New Project [SIA/GJ/NCP/33554/2015]				
2.	Type of Project	Commercial Project					
3.	Project / Activity	8 (a)					
	No. [8(a) or 8(b)]	s (a)					
4.	Name of the	Commercial Project					
	project						
5.	Name of Developer	•	Anand Enterprise				
6.	Estimated Project Cost (Rs.	60 Crores					
	In Crores)						
7.	Whether construction work has been initiated at site? If yes, details thereof	No					
8.	Project Details	 Land / Plot Area (m²): 16,500 FSI area (m²): 27,670.87 					
		1 Si alea (III). 21,010.01					
			Permissible	Proposed			
		FSI Area (m ²)	29,808	27,670.87			
		Ground Coverage (m²)	7425	5727.14			
		Common Plot Area (m²)	1650	1656			
		Max. building height (m)	40	18			
		• Total BUA (m ²):42,147.30					
9.	Building Details	No. of Buildings:8					
		No. of Blocks:8					
		Scope of buildings/blocks: Ba	sement + ground floor	r + 5 floors.			
		No.& size of Residential Units	: NA				
		No. & type of Commercial Uni	ts: 294 shops and 14	9 offices , 762 seats in			
		Multiplex					
		Details of amenities if any: No					
10.	No. of expected	2,550 occupants and 300 visitor	S				

	residents / users						
11.	Water & waste	Water requirent	nent (KL/dav): 1	9.75			
	water details	Source of water	` .				
	during	Waste water generation quantity (KL/day): 5.73					
	construction	 Waste water generation quantity (KL/day): 5.73 Mode of disposal: septic tank & soak pit. 					
	phase	•	•	•			
		Details of reus					
12.	Water & waste	 Fresh water re 		• •			
	water details	 Source of water 	er: Bharuch Nag	ar Palika			
	during operation phase	Waste water gets	eneration quant	ity (KL/day):104.54	4		
	priase	Mode of dispose	sal: into sewer li	ne of Bharuch Nag	garpalika.		
13.	Status of water supply and drainage line	Available at 400	m from the site				
14.	Solid waste	Construction Pha	ase:				
	Management		Generation (m³)	Quantity to be reused (m³)	Mode of Dispos Reuse	sal /	
		Top Soil	1500	1,500	Development of	f	
		10p 30ll	1300	1,000	landscape area		
		Other	28,500	13,500 m ³ will	Balance earth v		
		excavated earth	· ·	be used for	used at other p		
				back filling and	as per requirem	-	
				raising plinth level.			
		Construction	400	425 m ³ will be	Balance debris	will be	
		debris		used for	handed over to local		
				development of	authority or fill i	n low	
				internal road.	laying area		
		Steel scrap	15	0	Sold to vendors		
		Discarded	10	0	Sold to vendors	5	
		packing					
		materials					
		Operation Phase		T	Mode of		
		Operation Phase		I Modo of			
		Operation Phase Type of waste	Generation	Mode of			
			Generation Quantity	waste	Disposal /		
		Type of waste	Generation Quantity (Kg/day)	waste collection	Disposal / Reuse		
			Generation Quantity	waste	Disposal /		
		Type of waste	Generation Quantity (Kg/day)	waste collection	Disposal / Reuse Sold to		
		Type of waste Dry waste	Generation Quantity (Kg/day) 378.96	waste collection White bins Green Bins	Disposal / Reuse Sold to vendors		
		Dry waste Wet waste Details of segre	Generation Quantity (Kg/day) 378.96 568.44 egation if to be	waste collection White bins Green Bins done: yes	Disposal / Reuse Sold to vendors Municipal bins	15 kg and	
		Type of waste Dry waste Wet waste Details of segre Capacity and recommendations	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a	waste collection White bins Green Bins done: yes y bins to be placed	Disposal / Reuse Sold to vendors Municipal bins d within premises:	15 kg and	
		Type of waste Dry waste Wet waste Details of segre Capacity and reduced to the segrence of	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community community bins	waste collection White bins Green Bins done: yes y bins to be placed to be placed in collection	Disposal / Reuse Sold to vendors Municipal bins d within premises:	· ·	
		Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of c Landfill site wh	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be	waste collection White bins Green Bins done: yes y bins to be placed to be placed in collection e ultimately dispose	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author	· ·	
	Parking Dataile	Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of c Landfill site wh	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be collection point of the collec	waste collection White bins Green Bins done: yes y bins to be placed to be placed in collection e ultimately disposof Bharuch Nagar	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author Palika.	ority: at the	
15.	Parking Details	Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of c Landfill site wh nearest MSW Total parking a	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be collection point area requirement	waste collection White bins Green Bins done: yes y bins to be placed to be placed in collection e ultimately disposof Bharuch Nagar t for the project as	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author Palika. per GDCR: 13,83	ority: at the 35.43 m ²	
15.	Parking Details	Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of c Landfill site wh nearest MSW Total parking a Parking area re	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be collection point area requirement for Community for Community bins area requirement for Community bins area requir	waste collection White bins Green Bins done: yes y bins to be placed to be placed in colle e ultimately disposed fine beautimately disposed for the project as Commercial units a	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author Palika. sper GDCR: 13,83 as per GDCR:13,83	ority: at the 35.43 m ² 335.43 m ²	
15.	Parking Details	Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of c Landfill site wh nearest MSW c Total parking a Parking area re Total number of	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be collection point area requirement for Coff CPS requirement	waste collection White bins Green Bins done: yes y bins to be placed to be placed in collection e ultimately disposof Bharuch Nagar t for the project as Commercial units and the project	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author Palika. per GDCR: 13,83 as per GDCR:13,83 as per NBC:284	ority: at the 35.43 m ² 335.43 m ²	
15.	Parking Details	Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of c Landfill site wh nearest MSW c Total parking a Parking area re Total number of	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be collection point area requirement for Coff CPS requirement	waste collection White bins Green Bins done: yes y bins to be placed to be placed in colle e ultimately disposed fine beautimately disposed for the project as Commercial units a	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author Palika. per GDCR: 13,83 as per GDCR:13,83 as per NBC:284	ority: at the 35.43 m ² 335.43 m ²	
15.	Parking Details	Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of ce Landfill site who nearest MSW of the comparison of the center of the ce	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be collection point area requirement for Coff CPS requirement for CP	waste collection White bins Green Bins done: yes y bins to be placed to be placed in collection e ultimately disposof Bharuch Nagar t for the project as Commercial units and the project	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author Palika. per GDCR: 13,8 as per GDCR:13,8 as per NBC:284 as per NBC:253	ority: at the 35.43 m ² 335.43 m ²	
15.	Parking Details	Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of c Landfill site wh nearest MSW Total parking a Parking area re Total number of Number of CPS	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be collection point area requirement for CPS requirement for S requirement area for the community bins area for CPS requirement for CPS requirement for S requirement area for the community bins area for CPS requirement for CPS requirement for S requirement area.	waste collection White bins Green Bins done: yes y bins to be placed to be placed in collection e ultimately disposof Bharuch Nagar t for the project as Commercial units an ent for the project or commercial units or commercial units.	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author Palika. per GDCR: 13,83 as per GDCR:13,83 as per NBC:253 stas per NBC:253	ority: at the 35.43 m ² 335.43 m ²	
15.	Parking Details	Type of waste Dry waste Wet waste Details of segre Capacity and r 12 number of ce Landfill site who nearest MSW Total parking at a re Total number of CPS Number of CPS Total Parking at	Generation Quantity (Kg/day) 378.96 568.44 egation if to be a community bins are waste will be collection point of the collec	waste collection White bins Green Bins done: yes y bins to be placed in core e ultimately disposof Bharuch Nagar t for the project as commercial units and the project or commercial units and per NBC for Mul	Disposal / Reuse Sold to vendors Municipal bins d within premises: mmon area sed by local author Palika. sper GDCR: 13,83 as per GDCR:13,83 as per GDCR:13,83 as per NBC:253 stiplex: 31 14,151.56 & 470	35.43 m ² 335.43 m ² 335.43 m ² B	

16.	Traffic	Width of adja	cent public roa	ds: 45 m and 1	12 m		
	Management	Number of Er	Number of Entry & Exit provided on approach road/s: Eight gates including				
		one gate for b	pasement entry	/.	_		
		Width of Entry	& Exit provid	ed on approac	h road/s:6 m &	9 m	
			Minimum width of open path all around the buildings for easy access of fire				
		tender (excluding the width for the plantation): 4.0 m					
			• Width of all internal roads: 6 m, 9 m & 10 m.				
17.	Details of Green	Maximum use				n. enerav effic	cient
	Building	motors & pump	•	•	•		
	measures	use of LED lighting fixtures and low voltage lighting, solar lighting in ope				*	
	proposed.	landscape areas- 10 numbers of solar lighting, roof-top thermal insulation, rain					
		water harvestin		•	•		-
		etc.	9 - 9		3 3 3 3	, 9	
18.	Energy	Power supply	<u> </u>				
	Requirement,		nand: 2000 K\	/A			
	Source and		ad: 2100 KVA				
	Conservation	Source: DG\	/CL				
		% of saving v	ith calculation	s: ~40% by us	e of LED and st	tar rated ener	av
				r durables + so		`	
		Compliance of	of the ECBC gu	uidelines (Yes	No),if yes, con	npliance in tab	oular
		form: only roo	of area	•		•	
		DG Sets:					
		No. and capa	city of the DG	sets: 2 X 125 I	KVA		
		Fuel & its qua	ntity: HSD, 50) litre/hr			
19.	Fire and Life Safety Measures	During Const (DDFs) to the					
	Calciy Measures	1 -			its usage shape safe		
		I	-	· & ambulance	nstruction safe	ity aspects, ii	ist alu
		During operat				hose reel ma	villering
		l .	. ,	•	et riser, yard		-
		1		•	, underground	•	
		•		•	KL capacity (to		•
					tank (fire pu		
		_		rrace level etc		mp) with im	
20.	Details on staircas				-		
			Floor area	No. of	Width of the	Travel	
	Type & not building		m ²	staircase	staircase	distance	
	<u> </u>	3			(m)	(m)	
	<u>А</u> В	(G + 4)	677.28	1	1.66	<30	
	C	(G + 4) (G + 4)	865.14 722.70	1	1.66 1.66	<30 <30	
	D	(G + 4)	514.95	1	1.66	<30	
	E	(G + 4)	632.95	1	1.66	<30	
	F	(G + 5)	1311.17	2	2.0 and	<30	
		, ,			1.86		
	G H	(G + 4) (G + 5)	640.66 655.14	2	2.0 1.66	<30 <30	
		(G + 5)	000.14		1.00	<30]
21.	Rain Water	• Level of the C	Ground water to	able: 15 m			
	Harvesting	No. & dimens	ions of RWH t	ank(s) : 5 Nos	and 2.5m X 2.0) m X 3.0 m	
	•	1		- -			

	(RWH)	 No. and depth of percolations wells: 5 nos and 11 m Details on Pre-treatment facilities: oil and grease removal and filter
22.	Green area details	 Tree covered area (m²): 600 Area covered by shrubs and bushes (m²):556 Lawn covered area (m²):500 Total Green Area (m²):1656 Green Area % of plot area: 10% No. of trees and species to be planted: 250 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar
23.	Dust control measures	Spraying of water, Peripheral barricading, covered shed for cement loading area, covering the excavated earth with tarpaulin sheet etc.
24.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Allocation of Rs.20.0 lacs & Rs.9 lacsas capital cost & recurring cost respectively has been made for EMP & EMS.
25.	Details of ecofriendly building materials	Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC, lead free paints etc.
26.	Details of amenities to be provided to construction workers.	Sanitation facilities, maintaining hygienic condition at the project site to avoid health problems, safe drinking water, PPEs, first aid room with first aid kit & welfare facilities as per the Gujarat Building & Other Construction Workers Rules.
27.	Documents related to land possession.	Village form no. 7 as on 19/02/2012 for amalgamated survey numbers shows that the N.A land for residential & commercial use is in the name of M/s Anand Enterprise through its partners.

During the meeting, when suggested by the committee, the project proponent was agreed to increase the parking area provision by adding one level basement to the existing basement. After detailed discussion, it was decided to further appraise the project only after submission of the following:

- 1. Copy of project plans showing buildings & floor wise built up area, FSI area, Floor area details, plot area statement etc.
- 2. Status on availability of water supply, drainage connection and municipal solid waste collection facility to the project and copy of permission obtained from concerned competent authority for providing these facilities.
- 3. Details on provision of staircases in the proposed commercial buildings as per the requirement of NBC norms.
- 4. Revised details on parking area provision for the project considering the proposed additional level of basement.
- 5. Land possession documents showing ownership of land by the applicant, list of partners & directors of the company, copy of permission obtained for non agricultural use of the project site for commercial use or a copy of documents showing the correspondences made in this regard and copy of agreement made between the land owners & developers (if any).

7.	East Ebony	Survey No: 208, 209, 210/2 F.P. No: 96+278, T.P.S No: 50 (Bodakdev),	 &	scoping	/	ì
		Daskroi, Ahmedabad				ì

	Particulars	Details						
<u>lo.</u>	Duan and in far	Navy Drain at ICIA/C I/NCD/22	New Project [SIA/GJ/NCP/33563/2015]					
1.	Proposal is for	New Project [SIA/GJ/NCP/33563/2015] Residential Project						
2. 3.	Type of Project Project / Activity	-						
ა.	No. [8(a) or 8(b)]	0 (a)	3 (a)					
4.	Name of the	East Ebony						
т.	project	Last Ebony						
5.	Name of	Amardeep Co. Op. Housing S	Society Limited					
	Developer							
6.	Estimated	50 Crores						
	Project Cost (Rs.							
	In Crores)							
7.	Whether	No						
	construction							
	work has been							
	initiated at site?							
	If yes, details							
Q	thereof Project Details	al and / Blot Area (==2): 7.200	0					
8.	F TOJECT DETAILS	•Land / Plot Area (m²): 7,362.	U					
		•FSI area (m²):17,665.34						
		•Total BUA (m²):40,779.58						
			Permissible	Proposed				
		FSI Area (m²)	19,877.4	17,665.34				
		Ground Coverage (m ²)	NA	3,473.97				
		Common Plot Area (m ²)	736.2	736.24				
		Max. building height (m)	70	45				
			•					
9.	Building Details	No. of Buildings: Five						
		No. of Blocks: Five						
		•Scope of buildings/blocks: 2 level basement + hollow plinth +12 floors.						
		Scope of buildings/blocks: 2	ievei pasement + noi	IOW DIINTN +12 TIOORS.				
				•				
		No.& size of Residential Unit	s: Total 55 flats, 22	•				
		No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size	s: Total 55 flats, 22 272.52 m2	•				
		 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit 	s: Total 55 flats, 22 272.52 m2 nits: No	•				
10		 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices	•				
10.	No. of expected	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices	•				
	residents / users	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0 248 occupants and 50 visitors 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices	•				
	residents / users Water & waste	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0 248 occupants and 50 visitors Water requirement (KL/day): 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices	•				
	residents / users Water & waste water details	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers	•				
	residents / users Water & waste	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0 248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation quar 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73	•				
	residents / users Water & waste water details during	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation qua Mode of disposal: septic tank 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73	•				
	residents / users Water & waste water details during construction	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0 248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation quar 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73	•				
11.	residents / users Water & waste water details during construction	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation qua Mode of disposal: septic tank 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73 c	•				
11.	residents / users Water & waste water details during construction phase Water & waste water details	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation quain Mode of disposal: septic tank Details of reuse of water, if a Fresh water requirement (KL 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73 (ny: No /day): 37.17	•				
11.	residents / users Water & waste water details during construction phase Water & waste water details during operation	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0 248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation quain Mode of disposal: septic tank Details of reuse of water, if and Fresh water requirement (KL) Source of water: water supplies 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73 (ny: No /day): 37.17 y from AMC	•				
11.	residents / users Water & waste water details during construction phase Water & waste water details	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation qua Mode of disposal: septic tank Details of reuse of water, if a Fresh water requirement (KL Source of water: water supple Waste water generation qua 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73 (ny: No /day): 37.17 y from AMC ntity (KL/day):27.38	•				
10. 11.	residents / users Water & waste water details during construction phase Water & waste water details during operation phase	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0 248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation quain Mode of disposal: septic tank Details of reuse of water, if and Fresh water requirement (KL) Source of water: water supplies water water generation quain Mode of disposal: Into draina Mode of disposal: Into draina 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73 (ny: No /day): 37.17 y from AMC ntity (KL/day):27.38	•				
11.	residents / users Water & waste water details during construction phase Water & waste water details during operation	 No.& size of Residential Unit m2 and 33 Flat 4 BHK, Size No. & type of Commercial Unit Details of amenities if any: 0248 occupants and 50 visitors Water requirement (KL/day): Source of water: Water tank Waste water generation qua Mode of disposal: septic tank Details of reuse of water, if a Fresh water requirement (KL Source of water: water supple Waste water generation qua 	s: Total 55 flats, 22 272.52 m2 nits: No One Society Offices 21.75 ers ntity (KL/day): 5.73 (ny: No /day): 37.17 y from AMC ntity (KL/day):27.38	•				

14.	Solid waste	Construction Ph	ase:				
	Management		Generation (m³)	Quantity to be reused (m³)	Mode of Dispos Reuse	sal /	
		Top Soil	2400	2400	Development	of	
					landscape are	a	
		Other	27600	13500 m ³ will	Balance earth	will be	
		excavated		be used for	used at other		
		earth		back filling	projects as pe	r	
				and raising	requirement.		
				plinth level.			
		Construction	380	200 m ³ will	Balance debris		
		debris		be used for	be handed over		
				development	local authority		
				of internal road.	in low laying a	rea	
		Steel scrap	12	0	Sold to vendor	rs	
		Discarded	8	0	Sold to vendor	rs	
		packing					
		materials					
		Operation Phase:					
		Type of waste	Generation	Mode of	Mode of		
			Quantity	waste	Disposal /		
			(Kg/day)	collection	Reuse		
		Dry waste	63.52	White bins	Sold to		
		107.4	05.00	D. D.	vendors		
		Wet waste	95.28	Green Bins	Municipal bins		
		•Details of segre	egation if to be o	lone: ves			
		_	•	bins to be placed	within premises:	15 kg and	
		• •	•	o be placed in cor	-		
		•Landfill site who	ere waste will be	e ultimately dispos	ed by local autho	ority: AMC	
15.	Parking Details	•Total parking a	rea requirement	for the project as	per GDCR:3,533	.06 m ²	
			•	esidential units as	•	.06 m ²	
			•	ent for the project	•		
			•	r residential units	•		
		_	•	²) & No. of ECS: 1			
		Parking area pr ECS	rovided in baser	nent (m ²) & No. of	ECS: 10,947.52	& 342	
		Parking area pr	rovided in hollov	v plinth (m²) & No.	of ECS:3,152.45	& 112	
		ECS	rovided ee opon	surface (m ²) & No	of FCS-100 8	17 FCS	
16.	Traffic			two 18 m wide ro		17 LOS	
	Management	•Number of Entr	•	d on approach roa		will be	
		provided.	& Evit provided	on approach road	le: 6 m Entry/Evic		
		• whath of Entry	∝ ⊏xii provided	on approach road	5. O III EIIIIY/EXIS	ol .	

#Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 5.0 m *Width of all internal roads: 6.0 m Maximum use of natural lighting through architectural design, energy efficient motors & pumps, water efficient taps, maximum use of RMC & aerated blocks, use of LED lighting fixtures and low voltage lighting, solar lighting in open and landscape areas- 20 numbers of solar lighting, roof-top thermal insulation, water meters, rain water harvesting & ground water recharge through 5 nos. of percolating wells etc. 18. Energy Requirement, Source and Conservation **Power supply: **Requirement, Source and Conservation **Power supply: **Power supply: **Power supply: **Power supply: **Power supply: **Source: Torrent Power Limited. **Yo faxing with calculations: -30% by use of LED and star rated energy efficient electronic consumer durables **Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular form: only roof area **DG Sets: No. and capacity of the DG sets:40 KVA Fuel & its quantity: HSD, 9 litre/fir **Pouring Construction Phase: Provision of Personal Protective Equipment's P(PE)s) to the construction workers and its usage shall be ensured and supervised, training to all workers on construction safety aspects, first aid room with first aid kit, doctor & ambulance service. **During operation phase (Commercial): Fire extinguishers, hose reel, manually operated electric fire alarm system, wer riser, automatic sprinkler system in basement, underground static water storage tank (fire pump) with minimum Pressure of 3.5 kg/cm2 at terrace level etc. 20. Details on staircase Type & no. **Intervel 498 1 2.05 26 **D, E B+HP+12 498 1 2.05 26 **D, E B+HP+12 498 1 2.05 26 **D, E B+HP+12 498 1 2.05 26 **O, D, E B+HP+12 498 1 2.05 26 **O, D, E B+HP+12 498 1 2.1 24 **Level of the Ground water table: 25m **No. and depth of percolations wells: 2 no and 20 m **Details on Pre-treatment facilities: oil and grease removal and fi			8.41 1 1.141			1 '1 1' 6		
Width of all internal roads: 6.0 m				• •		•	easy access of	fire
Details of Green Building measures proposed. Maximum use of natural lighting through architectural design, energy efficient motors & pumps, water efficient taps, maximum use of RMC & aerated blocks, use of LED lighting fixtures and low voltage lighting, solar lighting open and landscape areas- 20 numbers of solar lighting, roof-top thermal insulation, water meters, rain water harvesting & ground water recharge through \$ nos. of percolating wells etc. 18. Energy Requirement, Source and Conservation Power supply: Maximum demand: 500 KVA Connected load: 600 KVA Source: Torrent Power Limited. -% of saving with calculations: -30% by use of LED and star rated energy efficient electronic consumer durables Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular form: only roof area -10. Sets: No. and capacity of the DG sets:40 KVA Fuel & its quantity: HSD, 9 litre/hr -19. Fire and Life Safety Measures Pourision of Personal Protective Equipment's (PPEs) to the construction workers and its usage shall be ensured and supervised, training to all workers on construction safety aspects, first aid room with first aid kit, doctor & ambulance service. -During operation phase (Commercial): Fire extinguishers, hose reel, manually operated electric fire alarm system, wet riser, automatic sprinkler system in basement, underground static water storage tank (fire pump) with minimum Pressure of 3.5 kg/cm2 at terrace level etc. 20. Details on staircase Type & no. of buildings floors Pouris assignment Pouris assig			tender (excludi	ing the width	for the planta	tion): 5.0 m		
Building measures proposed. Building measures proposed. motors & pumps, water efficient taps, maximum use of RMC & aerated blocks, use of LED lighting fixtures and low voltage lighting, solar lighting open and landscape areas- 20 numbers of solar lighting, roof-top thermal insulation, water meters, rain water harvesting & ground water recharge through 5 nos. of percolating wells etc. Power supply: Maximum demand: 500 KVA Connected load: 600 KVA Further load of the ECBC guidelines (Yes / No),if yes, compliance in tabular form: only roof area •DG Sets: No. and capacity of the DG sets:40 KVA Fuel & its quantity: HSD, 9 litre/hr 19. Fire and Life Safety Measures Fire and Life Safety Measures Safety Measures Fire and Life Safety Measures Safety Measures Fire and Life Safety Measures Fire and Life Safety Measures Operation phase (Commercial): Fire extinguishers, hose reel, manually operated electric fire alarm system, wet riser, automatic sprinkler system in basement, underground static water storage tank-150 KL Capacity, terrace tank -50 KL capacity (total capacity), pump near underground static water storage tank-150 KL capacity (total capacity) pump near underground static water storage tank is usually system in basement, underground static water storage tank-150 KL 20. Details on staircase Type & no. of buildings No. of Siporarea No. of Width of the Travel staircase distance (m) Roberts of the Construction systems distance (m) Roberts of the Construction systems distance (m) Part of the Construction systems of the construction safety aspects, first aid room with first aid kit doctor a staircase distance (m) BehtP+12 498 1 2.05 26 C. D. E B+HP+12 498 1 2.05 26 BehtP+12 498 1 2.05 26 C. D. E B+HP+12 498 1 2.05 26 C. D. E B+HP+12 498 1 2.05 26 C. D. E B+HP+12 498 1 2.05 26 No. and depth of percolations wells: 2 no and 20 m			 Width of all inte 	ernal roads: (6.0 m			
Power supply: Maximum demand: 500 KVA Connected load: 600 KVA Source: Torrent Power Limited.	17.	Building measures	motors & pumple blocks, use of Lopen and lands insulation, water	os, water ef LED lighting scape areas er meters, ra	ficient taps, n fixtures and lo - 20 numbers ain water harv	naximum use w voltage light of solar lightir	of RMC & ae ling, solar light ng, roof-top the	erated ing in ermal
Requirement, Source and Conservation Maximum demand: 500 KVA Connected load: 600 KVA Source: Torrent Power Limited. **Maximum demand: 500 KVA Connected load: 600 KVA Source: Torrent Power Limited. **Maximum demand: 500 KVA Connected load: 600 KVA Source: Torrent Power Limited. **Maximum demand: 500 KVA Connected load: 600 KVA Source: Torrent Power Limited. **Maximum demand: 500 KVA Connected load: 600 KVA Full & saving with calculations: -30% by use of LED and star rated energy efficient electronic consumer durables **Compliance of the ECBC guidelines (Yes / No), if yes, compliance in tabular form: only roof area **DG Sets: No. and capacity of the DG sets: 40 KVA Full & its quantity: HSD, 9 litre/hr **During Construction Phase: Provision of Personal Protective Equipment's (PPEs) to the construction workers and its usage shall be ensured and supervised, training to all workers on construction safety aspects, first aid room with first aid kit, doctor & ambulance service. **During operation phase (Commercial): Fire extinguishers, hose reel, manually operated electric fire alarm system, wet riser, automatic sprinkler system in basement, underground static water storage tank-150 KL capacity, terrace tank -50 KL capacity (total capacity), pump near underground static water storage tank (fire pump) with minimum Pressure of 3.5 kg/cm2 at terrace level etc. **20.** Details on staircase** Type & no. of buildings floors m² staircase (minum (minum) (minu			through 5 nos. of	of percolating	y wells etc.			
Safety Measures (PPEs) to the construction workers and its usage shall be ensured and supervised, training to all workers on construction safety aspects, first aid room with first aid kit, doctor & ambulance service. • During operation phase (Commercial): Fire extinguishers, hose reel, manually operated electric fire alarm system, wet riser, automatic sprinkler system in basement, underground static water storage tank-150 KL capacity, terrace tank -50 KL capacity (total capacity), pump near underground static water storage tank (fire pump) with minimum Pressure of 3.5 kg/cm2 at terrace level etc. 20. Details on staircase Type & no. No. of floor area No. of staircase distance (m) (m) A B+HP+12 498 1 2.05 26 B B HP+12 498 1 2.05 26 C, D, E B+HP+12 414.59 1 2.1 24 21. Rain Water Harvesting (RWH) • Level of the Ground water table: 25m • No. and depth of percolations wells :2 no and 20 m • No. and depth of percolations wells :2 no and 20 m • Details on Pre-treatment facilities : oil and grease removal and filter 22. Green area details • Tree covered area (m²):250 • Area covered by shrubs and bushes (m²): 236.2 • Lawn covered area (m²):736.2 • Green Area % of plot area: 10 % • No. of trees and species to be planted: 111 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar		Requirement, Source and Conservation	Maximum dem Connected loa Source: Torrer •% of saving wi efficient electro •Compliance of form: only roof •DG Sets: No. and capac	Maximum demand: 500 KVA Connected load: 600 KVA Source: Torrent Power Limited. •% of saving with calculations: ~30% by use of LED and star rated energy efficient electronic consumer durables •Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular form: only roof area •DG Sets: No. and capacity of the DG sets:40 KVA				
Details on staircase	19.		 During Construction Phase: Provision of Personal Protective Equipment (PPEs) to the construction workers and its usage shall be ensured a supervised, training to all workers on construction safety aspects, first room with first aid kit, doctor & ambulance service. During operation phase (Commercial): Fire extinguishers, hose remanually operated electric fire alarm system, wet riser, automatic sprink system in basement, underground static water storage tank-150 capacity, terrace tank -50 KL capacity (total capacity), pump n 				reel, rinkler 0 KL near	
Type & no. of buildings floors m² staircase staircase distance (m) (m) A B+HP+12 498 1 2.05 26 B B+HP+12 414.59 1 2.1 24 21. Rain Water Harvesting (RWH) No. & dimensions of RWH tank(s): 2 No and 2.0m X 2.0 m X 3.0 m No. and depth of percolations wells: 2 no and 20 m Details on Pre-treatment facilities: oil and grease removal and filter 22. Green area details Type & no. No. of floor area No. of staircase with staircase distance (m) (m) A B+HP+12 498 1 2.05 26 C, D, E B+HP+12 414.59 1 2.1 24 Level of the Ground water table: 25m No. & dimensions of RWH tank(s): 2 No and 2.0m X 2.0 m X 3.0 m No. and depth of percolations wells: 2 no and 20 m Details on Pre-treatment facilities: oil and grease removal and filter 22. Green area details Tree covered area (m²):250 Area covered by shrubs and bushes (m²): 236.2 Lawn covered area (m²):736.2 Lawn covered area (m²):736.2 Green Area % of plot area: 10 % No. of trees and species to be planted: 111 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar	20	Details on staircas						
 Harvesting (RWH) •No. & dimensions of RWH tank(s): 2 No and 2.0m X 2.0 m X 3.0 m •No. and depth of percolations wells: 2 no and 20 m •Details on Pre-treatment facilities: oil and grease removal and filter 22. Green area details •Tree covered area (m²):250 •Area covered by shrubs and bushes (m²): 236.2 •Lawn covered area (m²):736.2 •Green Area % of plot area: 10 % •No. of trees and species to be planted: 111 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar 	20.	Type & no. of buildings A B	No. of floors B+HP+12 B+HP+12	m ² 498 498	staircase 1 1	staircase (m) 2.05 2.05	distance (m) 26 26	
 Harvesting (RWH) •No. & dimensions of RWH tank(s): 2 No and 2.0m X 2.0 m X 3.0 m •No. and depth of percolations wells: 2 no and 20 m •Details on Pre-treatment facilities: oil and grease removal and filter 22. Green area details •Tree covered area (m²):250 •Area covered by shrubs and bushes (m²): 236.2 •Lawn covered area (m²):736.2 •Green Area % of plot area: 10 % •No. of trees and species to be planted: 111 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar 	21.		, -		able: 25m	1	1	1
•Area covered by shrubs and bushes (m²): 236.2 •Lawn covered area (m²):250 •Total Green Area (m²):736.2 •Green Area % of plot area: 10 % •No. of trees and species to be planted: 111 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar		Harvesting	No. & dimension No. and depth	ons of RWH of percolation	tank(s) : 2 No a ns wells :2 no a	and 20 m		
 Area covered by shrubs and bushes (m²): 236.2 Lawn covered area (m²):250 Total Green Area (m²):736.2 Green Area % of plot area: 10 % No. of trees and species to be planted: 111 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar 	22.	Green area	•Tree covered a	area (m²) :25	0			
	 Area covered by shrubs and bushes (m²): 236.2 Lawn covered area (m²):250 Total Green Area (m²):736.2 Green Area % of plot area: 10 % No. of trees and species to be planted: 111 number of trees 				0,			
	23	Dust control						

	measures	Loading area, covering the excavated earth with tarpaulin sheet etc.
24.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Allocation of Rs. 13 lacs & Rs.8 lacs as capital cost & recurring cost respectively has been made for EMP & EMS.
25.	Details of eco friendly building materials	Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC, lead free paints etc.
26.	Details of amenities to be provided to construction workers.	Sanitation facilities, maintaining hygienic condition at the project site to avoid health problems, safe drinking water, PPEs, first aid room with first aid kit & welfare facilities as per the Gujarat Building & Other Construction Workers Rules.
27.	Documents related to land possession.	Village form no. 7 submitted by them shows that the N.A land is in the name of Amardeep Co. Op. Ho. Soc. Ltd.

During the meeting, after detailed discussion, it was decided to consider the project only after submission of the following:

- 1. Full size project plans showing building wise & floor wise built up area, FSI area, Floor area & plot area statement of the project.
- 2. Zoning certificate or N.A permission order for the project site showing the permissible use of the project site for residential & commercial use.

8.	Cloud 9	F.P. Number 648, S.No. 188/p, 189/p,	Screening &	scoping	/
		TPS No: 21, Ambawadi, Ahmedabad	appraisal.		

Sr.	Particulars	Details
No.		
1.	Proposal is for	New Project [SIA/GJ/NCP/33843/2015]
2.	Type of Project	Residential Project
3.	Project / Activity	8 (a)
	No. [8(a) or	
	8(b)]	
4.	Name of the	Cloud 9
	project	
5.	Name of	Chhatra Chhaya Co.Op. Housing Soc. Ltd and New Chhaya Co.Op. Housing
	Developer	Soc Ltd
6.	Estimated	200 Crores
	Project Cost	
	(Rs. In Crores)	
7.	Whether	No
	construction	
	work has been	
	initiated at site?	
	If yes, details	
	thereof	

8.	Project Details	• Land / Plot Ar					
		 FSI area (m²) Total BUA (m²) 					
				Permissible	Proposed		
		FSI Area (m ²)		65,560	65,517.98		
		Ground Covera	nge (m²)	NA	5974.94		
		Common Plot A		1639	1643.81		
		Max. building h	eight (m)	70	45		
9.	Building Details	No. of Building					
		No. of Blocks:	: 10				
		Scope of build	dings/blocks: 3	evel basement + h	nollow plinth + 14 floors.		
		No. & type of	residential units	: 430 flats of 3 & 4	BHK.		
		 No. & type of 	Commercial Un	its: No			
		 Details of ame 	enities if any: C	ne Society Offices	3		
10.	No. of expected residents / users	1935 occupants	and 200 visitor	S			
11.	Water & waste	 Water require 	ment (KL/day):	21.75			
	water details	 Source of wat 	er: Water tanke	ers			
	during	 Waste water g 	generation quar	ntity (KL/day): 5.73			
	construction	Mode of dispose	sal: septic tank				
	phase	 Details of reus 	se of water, if a	ny: No			
12.	Water & waste	Total water requ	•	•			
	water details	Fresh water requirement (KL/day): 175.15					
	during operation	Source of water: Water supply from AMC					
	phase	Waste water generation quantity (KL/day):211.38					
		Mode of disposal: Into drainage line of AMC.					
		 In case of STP provision, capacity of STP: Yes, 225 KL/day 					
		STP Technology: Biological					
		Purposes for treated water utilization: Gardening, Flushing					
		1.Gardening (KL/day):7.4					
		2. Flushing (KL/day):89.07					
		Provision of dual plumbing system (Yes/No): Yes					
		Quantity and type (treated/untreated)of water to be discharged: Treated					
		sewage will be reused for gardening & flushing purposes within premises					
		and only remaining quantity of treated sewage will be discharged into the					
		drainage line of AMC.					
		Mode of disposal: As above.					
13.	Status of water	Available at site					
	supply and	, tranable at oite					
	drainage line						
14.	Solid waste	Construction Ph	ase:				
	Management		Generation	Quantity to be	Mode of Disposal /		
			(m ³)	reused (m ³)	Reuse		
		Top Soil	8,400	8,400	Development of landscape area		
		Other	1,31,600	72,800 m ³ will	Balance earth will be		
		excavated	, , , = = =	be used for	used at other		
		earth		back filling	projects as per		
				and raising	requirement.		

			I	plinth lovel			
		Construction debris	900	plinth level. 450 m³ will be used for development of internal	Balance debris will be handed over to local authority or fill in low laying area		
		Steel scrap	20	road.	Sold to vendors		
		Discarded packing materials	12	0	Sold to vendors		
				1			
		Operation Phase Type of waste	Generation	Mode of	Mode of Disposal /		
			Quantity (Kg/day)	waste collection	Reuse		
		Dry waste	480.4	White bins	Sold to vendors		
		Wet waste	720.6	Green Bins	Municipal bins		
		STP SludgeDetails of seg	12	Green Bins	Municipal bins		
15.	 Parking area requirement for residential units as per GDCR:13,103.59 Total number of CPS requirement for the project as per NBC :430 Number of CPS requirement for residential units as per NBC: 430 						
16.	Traffic	 Total Parking area provided (m²) & No. of ECS: 45,700.28 & 1452 ECS Parking area provided in basement (m²) & No. of ECS: 40,201.29 & 1256 ECS Parking area provided in hollow plinth (m²) & No. of ECS:5,498.99 & 196 ECS 					
10.	Management	 Width of adjacent public roads: 18 m and proposed 12 m wide roads Number of Entry & Exit provided on approach road/s: Four gates will be provided. Width of Entry & Exit provided on approach road/s: 7.5 m Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 5.0 m 					
17.	Details of Green Building measures proposed.	Width of all internal roads: 6.0 m & 7.5 m. Maximum use of natural lighting through architectural design, energy efficient motors & pumps, water efficient taps, maximum use of RMC & aerated blocks, use of LED lighting fixtures and low voltage lighting, solar lighting in open and landscape areas- 20 numbers of solar lighting, roof-top thermal insulation, water meters, rain water harvesting & ground water recharge through 5 nos. of percolating wells, provision of STP & reuse of treated sewage etc.					
18.	Energy Requirement, Source and Conservation	 Power supply: Maximum demand: 2,250 KVA Connected load: 2,500 KVA Source: Torrent Power Ltd. % of saving with calculations: ~30% by use of LED lights, star rated energy efficient electronic consumer durables and solar lights. Compliance of the ECBC guidelines (Yes / No),if yes, compliance in 					

	takulan farma ankura af ana								
		tabular form: only roof area							
		DG Sets: No and cans	No. and capacity of the DG sets:1 x 62.5 KVA						
		•	Fuel & its quantity: HSD, 9 litre/hr						
19.	Fire and Life								
19.	 Fire and Life Safety During Construction Phase: Provision of Personal Protective (PPEs) to the construction workers and its usage shall be 								
	Measures	` '			•				
		•	•		onstruction safe	sty aspects, ii	ist ald		
			•	or & ambuland		مممد مدادن	wo ol		
		During oper	•	•	•				
		• •		•	stem, wet riser, tatic water sto	•			
		•		•	iatic water sto icity (total cap	•			
		• •			fire pump) with	* * * * * * * * * * * * * * * * * * * *			
		of 3.5 kg/cm2		•	ine pump) with	TIMI MITIGITI I TE	Josuic		
20.	Details on staircas		at terrace ie	ver etc.					
20.					Width of the	Travel	7		
	Type & no.		Floor area	No. of	staircase	distance			
	of buildings	s floors	m ²	staircase	(m)	(m)			
	A,D,H,I,J	HP + 14	628.47	2	2.1	24			
	B + C, F+G		927.74	2	2.1	27			
	E	HP + 14	762.66	2	2.1	25			
21.	Rain Water	Level of the	Ground water	er table: 24 m					
	Harvesting				o and 2.0m X 2	.0 m X 3.0 m			
	(RWH)	No. and dep		• •					
		•	•		nd grease remo	oval and filter			
22.	Green area	Tree covere	d area (m²) :	500					
	details	Area covered by shrubs and bushes (m²): 293.81							
			• Lawn covered area (m²):850						
		Total Green	, ,						
		Green Area	•		0.40		م ام ما م		
					246 number of		ibao,		
23.	Dust control				lam and Gulmo covered shed f		ading		
20.	measures				arpaulin sheet e		adirig		
24.	Budgetary				s capital cost &	recurring cos	t		
	allocation for	respectively ha	as been made	e for EMP & El	MS.				
	Environmental								
	Management Plan								
	(Rs. in lacs)								
25.	Details of eco	Fly ash bricks	aerated bloc	ks. fly ash pay	ring blocks, max	kimum use of	RMC		
	friendly	lead free paint		,, aon pav	9 2.001.0, 1110/		,		
	building	load noo paint	J 010.						
	materials								
26.	Details of Sanitation facilities, maintaining hygienic condition at the project site to)		
amenities to be provided to construction avoid health problems, safe drinking water, PPEs, first aid room kit & welfare facilities as per the Gujarat Building & Other Constr				d room with fi	rst aid				
				Construction					
	workers.	Workers Rules	S.						
27.	Documents	NA order su	ihmitted hy	them shows	that the land	for residen	tial &		
	related to land		_		Chhaya Co.O				
	possession				c Ltd. through	•			
		and New Ch	iaya C0.Oβ.	Housing 50	o Liu. iiiiougn	men secret	ary &		

chairman.

During the meeting, it was presented that traffic survey was carried out on a road connecting Shyamal to Shivranjani, which shows that the road having carrying capacity of 2800 PCU will be adequate enough to cater the total traffic load of 1766 PCU after the proposed project will come into existence. After detailed discussion it was decided to recommend the project to SEIAA Gujarat for grant of Environmental Clearance.

9.	Shrungal Homes	Block No. 141, F.P.No.42, O.P.No.42,	Screening	&	scoping	/
		T.P.S.No.58 (Bamroli), Choryasi, Surat.	appraisal.			

Sr. No.	Particulars	Details				
1.	Proposal is for	New Project [SIA/GJ/NCP/33929/2015]				
2.	Type of Project	Residential				
3.	Project / Activity No. [8(a) or 8(b)]	8(a)				
4.	Name of the project	Shrungal Homes				
5.	Name of Developer	Mr.Miral Vallabhbhai Sura	ni			
6.	Estimated Project Cost (Rs. In Crores)	Rs. 40 crores				
7.	Whether construction work has been initiated at site? If yes, details thereof	No				
8.	Project Details	 Land / Plot Area (m²): 14,204.0 FSI area (m²): 28,856.45 Total BUA (m²):43,217.44 				
			Permissible,	Proposed		
		FSI Area (m ²)	31,745.94	28,856.45		
		Ground Coverage (m ²)	10,369.80	6,178.74		
		Common Plot Area (m ²)	1,420.40	1,420.40		
_		Max. building height (m)	65	18.75		
9.	Building Details	No. of Buildings:13				
		No. of Blocks: 13				
		Scope of buildings/block	s: All buildings – basemer	nt + hollow plinth + 5 floors.		
		No.& size of Residential	No.& size of Residential Units:400 units			
		No. & type of Commercial	al Units: units			
		Details of amenities if an				
10.	No. of expected residents / users	1620				
11.	Water & waste	Water requirement (KL/c)	day): 15.0			
	water details	Source of water: Water s	• •			
	during construction	Waste water generation	• • •			
	phase	Mode of disposal: Into disposal:	• • • • • • • • • • • • • • • • • • • •			
12.	Water & waste	Fresh water requirement				
	Trator & Waste	- 1 Tool water requirement	(IXL/Gay). 200.0			

	water details	Source of water	er: Water supply	from	SMC			
	during operation	Waste water g				(ID		
	phase	Mode of dispose	•	• •	• •	(LD		
13.	Status of water supply and drainage line	Both drainage and water supply lines will be available to the project during the operation phase.						
14.	Solid waste	Construction Phase:						
	Management		Generation	(m ³)	Quantity to be reused (m³)		Mode of Disposal / Reuse	e
		Top Soil	2678.5		640		640 m³ of excavated Top soil will be utilized for greenbelt development & remaining quantity of top soil will be utilized for back filling.	
		Other excavated earth		8,303.33		8,303.33 Entire quantity of excavated soil will be utilized for back filling within site.		f
		Construction debris	15kg/day	15kg/day			Sold off to recyclers	
		Steel scrap	15kg/day					
		Discarded packing materia	6kg/day					
		Operation Phase:						
		Type of waste	Generation Quantity (Kg/day)	was	de of ste ection		de of Disposal euse	
		Dry waste Wet waste	te 472 kg/day Into separate bins to be through the provided within premises. Will bins to be through the provided door within premises.	be collected bugh door to r waste ection system SMC for final bosal at ajod Disposal				
		 Details of segregation if to be done: Separate bins for dry and wet waste provided to each unit Capacity and no. of community bins to be placed within premises:13 nos of bins having capacity of 50 kg each for dry waste and 13 noss of 60 kg 						
		 capacity bins for wet waste will be provided. Landfill site where waste will be ultimately disposed by local authority: At Khajod Disposal Site 						
15.	Parking Details		•			•	GDCR: 4,328.46 GDCR:4,328.46 n	_

		Total number of CPS requirement for the project as per NBC :260
		Number of CPS requirement for residential units as per NBC: 260
		• Total Parking area provided (m ²) & No. of ECS: 9,211.68 m ² and 325 ECS
		• Parking area provided in basement (m²) & No. of ECS: 3,721.98 m² and
		117 ECS
		• Parking area provided in hollow plinth (m ²) & No. of ECS:4,069.09 m ² and
		146 ECS
		Parking area provided as open surface (m²) & No. of ECS: 1,420.61 m² and 62 ECS
16.	Traffic	Width of adjacent public roads:18 m wide T.P. road
	Management	Number of Entry & Exit provided on approach road/s: One gate will be provided
		Width of Entry & Exit provided on approach road/s: 9 m
		Minimum width of open path all around the buildings for easy access of fire
		tender (excluding the width for the plantation):3 m
		Width of all internal roads: 9 m & 7.5 m
17.	Details of Green	Provision to install aerated coke (foam type) in wash basins, kitchen, low flush
	Building measures	water closets in toilet and pressure reducing valves in water pipeline, rain
	proposed.	water harvesting ground water recharge, Maximum utilization of natural light,
		roof-top thermal insulation, CFL lighting fixtures in the common areas,
		appropriate design to shut out excess heat and gain loss, use of solar energy
		in external lighting (landscape lighting), use of aerated blocks etc.
18.	Energy	Power supply:
	Requirement,	Maximum demand:1800 KW
	Source and	Connected load:1900 KW
	Conservation	Source:DGVCL
		Energy saving measures: Maximum utilization of natural light, roof-top
		thermal insulation, CFL lighting fixtures in the common areas, appropriate
		design to shut out excess heat and gain loss, use of solar energy in external
		lighting (landscape lighting), use of aerated blocks etc.
		• DG Sets:
		No. and capacity of the DG sets:6 × 60 KVA
		Fuel & its quantity:diesel (10 Liter/h)
		Note: - D.G. Sets will be used incase of power failure or fire emergency
19.	Fire and Life	During the construction phase: Fire extinguishers at various locations and
	Safety Measures	easily accessible, to keep printed board showing important telephone number
		of fire, ambulance, hospital etc. training to the workers on safety aspects, first
		aid box at identified places within premises, doctor & ambulance services,
		provision of PPE'S like helmet, gumboot/safety shoes, safety net, safety
		goggles etc.
		 During the operation phase: Fire extinguishers, hose reel, wet riser, manually
		operated electric fire alarm system, terrace water tanks of 20 KL capacity,
		underground water tank of 100 KL etc.
		Nearest fire station: Bhatar fire station.
		Distance from project site: 4 km.
	Ĺ	Distance from project site. 4 km.

20.	Details on stair	case							
	Type & no. of buildings A to F 6 nos of	No. of floors	Floor area 358.54	No. of staircase	Width of the staircase 1.2 m	Travel distance (m) Less than 15			
	building G to M 7 nos of Building	5	517.15	2	1.2 m	Less than 15 m			
21.	Rain Water Harvesting (RWH)	No. & dimerNo. and dep	Level of the Ground water table: 17m No. & dimensions of RWH tank(s):- No. and depth of percolations wells:4 Details on Pre-treatment facilities:only roof top rainwater harvesting is proposed						
22.	Green area details	Area covereLawn covereTotal GreenGreen Area	Tree covered area (m²):500.0 Area covered by shrubs and bushes (m²): included in lawn covered area. Lawn covered area (m²): 300.0 Total Green Area (m²): 800.0 Green Area % of plot area: 6 %						
23.	Budgetary allocation for Environment al Management Plan (Rs. in lacs)	Green belt de Drainage and Solar and ene	No. of trees and species to be planted: 250 Green belt development: 60Lacs Drainage and rain water harvesting: 50 lacs Solar and energy saving: 30lacs Total: 140Lacs						
24.	Proposed dust control measures during the construction phase	•	vity, tempo	rarily wind s	•	ered shed providoroject site, sprinkl			
25.	Eco friendly building material usage details.	Fly ash brick, aerated blocks, paving blocks, RMC, lead free paints etc.							
26.	Basic amenities to be provided to construction workers.	Drinking water & tap water, sanitation facilities, first aid box, free medicines, doctor service, PPEs etc.							
27.	Documents related to land possession.	applicant. Zon	Village form no. 7/12 as on 22/07/2015 shows that the N.A land is in the name of applicant. Zoning certificate SUDA shows that the project site is covered under residential zone.						

During the meeting, after discussing the various aspects regarding the project, it was decided to consider the project only after submission of the following:

1. Explore the possibility of increasing the parking area provision for the proposed project and revised details with back up calculation considering the increased parking area to be provided.

- 2. Layout plan showing provision of two gates for entry/exit.
- 3. Number of trees existing at the project site, number of trees to be cut or already cut, number of trees to be retained and permission from concerned competent authority for cutting the trees.

10.	Nilamber Oriens	S.No.221,222,223,224,225/182,227/182,	Screening & scoping /
		228, 229, F.P.No.53, Tandalaja, Dist:	appraisal.
		Vadodara.	

Sr. No.	Particulars	Details					
1.	Proposal is for	New project [SIA/GJ/NCP/3	3992/20151				
2.	Type of Project	Residential & commercial pr					
3.	Project / Activity	8 (a)	ojoot				
0.	No. [8(a) or 8(b)]						
4.	Name of the	Nilamber Oriens					
	project						
5.	Name of	Octane Infra Space					
	Developer						
6.	Estimated	150 crore					
	Project Cost (Rs.						
7.	In Crores) Whether	No construction work has be	an started				
/.	construction	No construction work has be	een stanted.				
	work has been						
	initiated at site?						
	If yes, details						
	thereof						
8.	Project Details	• Land / Plot Area (m ²): 47,0	013.0				
		• FSI area (m ²):44,575.79					
		• Total BUA (m ²):48,845.15					
		, , ,					
		FOLA (2)	Permissible	Proposed			
		FSI Area (m²)	75,220.80	44,575.79			
		Ground Coverage (m ²) Common Plot Area (m ²)	16,924.40 4,701.3	15,602.67 4,702.00			
		Max. building height (m)	4,701.3	Resi. =10.6 m			
		Wax. building height (m)		Comm= 17 m			
9.	Building Details	No. of Buildings:2 for Com	nm. & 225 Bungalows				
	3	No. of Blocks: 2 for Comm					
		Scope of buildings/blocks:	· ·	or + 1 floor 2 commercial			
		blocks – Ground floor +4 f	•	or i filodi. 2 commercial			
		No.& size of Residential U					
		No. & type of Commercial	•	Offices			
10	No of overceted	, ,	<u> </u>	Offices			
10.	No. of expected residents / users	Resi1300 users including f Comm: 3000 users including	O				
11.	Water & waste	Water requirement (KL/da					
' ' '	water details	Source of water: Water su	• 1				
	during	Waste water generation quality water sure.	• • •				
	construction		• ` • •				
	phase	Mode of disposal: septic to	•				
		 Details of reuse of water, i 	r any:N.A.				

12.	Water & waste	Fresh water requirement (KL/day):300.0						
	water details	Source of water		• ,				
	during operation							
	phase	 Waste water generation quantity (KL/day): 250.0 Mode of disposal: Into drainage line of VMC. 						
40	01-1	·			MO			
13.	Status of water supply and drainage line	water supply& c	Irainage line will	be provided by V	MC.			
14.	Solid waste	Construction Ph	ase:					
	Management		Generation (m³)	Quantity to be reused (m³)	Mode of Disposal / Reuse			
		Top Soil Other excavated earth	20,000	20,000	Top soil will be used in developing garden area and excavated earth will be used for land levelling within premises.			
		Construction debris	Whatsoever	Whatsoever	Will be used as road sub base within premises.			
		Steel scrap	Whatsoever	Whatsoever	Will be sold to vendors.			
		Discarded packing materials	Whatsoever	Whatsoever	Top soil will be used in developing garden area and excavated earth will be used for land levelling within premises.			
		Operation Phase:						
		Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse			
		Dry waste	555	Into bins to be provided within premises.	Door to door waste collection system of SMC.			
		Wet waste	370	Into bins to be provided within premises.	Door to door waste collection system of SMC.			
		 Details of segr 	egation if to be	done: No.				
		 Capacity and no. of community bins to be placed within premises: Total 28 bins with 80 lit capacity will be provided for residential blocks & 37 bins with 80 lit capacity will be provided for commercial units. Landfill site where waste will be ultimately disposed by local authority: at the nearest MSW collection point. 						
15.	Parking Details	Total parking a	area requiremen		s per GDCR: 4,258.74 m ² +			
		 parking space for individual bungalows. Parking area requirement for residential units as per GDCR: Individual parking area for bungalows. Parking area requirement for Commercial units as per GDCR: 4,258.74 m². Total number of CPS requirement for the project as per NBC: 185 CPS + individual car parking space for each individual bungalow. Number of CPS requirement for residential units as per NBC: Every 225 bungalow will have its individual parking area 						

	Т	1				1
16.	Traffic Managemen	t	 Total Parking Parking area Parking area Parking area Individual par provided in th Width of adjact approach roa Number of Er commercial u 	area provided (m²) & provided in Surface (reprovided in Basement provided (at any other king space for one case premises of individuate the public roads: Site of the state of	r place-specify) (m²) & r & two nos. of two whual bungalows. e is accessible by 18.0	2 m ² & 202 ECS 84.37 m ² & 95 ECS 419.55 m ² & 107 ECS 4 No. of ECS: neelers will be 0 m wide side
			tender (exclud	ding the width for the	•	easy access of fire
17.	Details of Gr Building measures proposed.	measures metal surfaces. Provision of CFL/LED lights.				
18.	Energy Requirement Source and Conservation	Power supply: Gujarat Electricity Board Maximum demand:1,500 KVA and Connected load:2 500 KVA				• •
19.	·				fire extinguishers, fire natic sprinkler system essure pump, auto	
20.	Details on sta	aircase				
	Type of block	Dis ca	tance of stair ase from the thest corner	Number of Stair case	Width of Stair case in m	Floor area (m²)
	Block A		16 m	1 (+ 2 round stairs)	2.13 & 1.77	
	Block B		24 m	2 (+ 4 round stairs)	2.13 & 1.77	
21.	Rain Water Harvesting (RWH)		No. & dimensNo. and depth	Fround water table:35 ions of RWH tank(s):In of percolations wells artreatment facilities:	Nil s: 2 nos. of percolating	y wells.
22.	Green area details		Area coveredLawn covered	area (m²):1,000 by shrubs and bushe d area (m²):4,000.00 Area (m²):5,702.00	es (m²):-702.0	

		Green Area % of plot area:10%
		No. of trees and species to be planted:705
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Allocation of Rs. 14.5 lacs has been proposed for water sprinklers, barricades, waste water & waste management, provision of PPEs etc. during the construction phase. Capital cost of Rs. 25.3 lacs and recurring cost of Rs. 5.5 lacs has been proposed for installation of energy efficient appliances, green belt development, rain water harvesting & ground water recharge, waste water management, solid waste management etc. during the operation phase.
24.	Dust control measures	Water sprinkling, maintaining roads & trees to avoid dust generation etc.
25.	Eco friendly building material usage details.	Fly ash & pozzolana cement will be used in concrete, paving blocks and any cement applications. Lead free paint, enamels will be used for painting wooden and metal surfaces.
26.	Details of basic amenities to be provided to construction workers.	Adequate sanitation facilities, drinking water, bins for collection of municipal solid waste.

During the meeting, the project proponent was suggested to widen the ramp and the road approaching the ramp for commercial units. Further they were suggested to make use of solar energy at the extent possible. After detailed discussion, it was decided to consider the project only after submission of the following:

- 1. Details on the parking area requirement & provision for the project based on the NBC norms including the details on plot area of the each individual type of bungalow, ground coverage, open space available for tree plantation and parking within premises of each type of bungalow.
- 2. Details on the floor area of the proposed commercial buildings and provision of staircases based on the requirement of NBC norms along with the details of travel distance of the staircase from the farthest corner of the floor as well as travel distance between the two consecutive staircases.
- 3. Land possession documents showing ownership of land by the applicant.
- 4. Copy of T.P Scheme map showing location of the proposed project.
- 5. Revised layout plan showing the increased width of the ramp & approach road to ramp for commercial units.

11.	Shashwat Mahadev – 3	Revised Survey No.813/2, F.P.No.52/2, Screening & scoping /
		T.P.S.No.114, Village: Vastral, Dist: appraisal.
		Ahmedabad.

Sr. No.	Particulars	Details
1.	Proposal is for	New Project [SIA/GJ/NCP/34165/2015]
2.	Type of Project	1 & 2 BHK Affordable Residential Flats & Shops
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)
4.	Name of the Project	Shashwat Mahadev - 3
5.	Name of Project Proponent	Mr. Rohitbhai Kalidas Patel
6.	Estimated Project Cost (Rs. In	55 Crore

	Crores)					
7.	Whether construction work has been initiated at site? If yes, details thereof	No construction work has been initiated at site.				
8.	Project Details	 Land / Plot Area (m 	²):- 7,285.0			
		• FSI area (m²):- 24,0	086.96			
		• Total BUA (m ²):- 30	,121.63			
				Permissible	Proposed	
		FSI Area (m ²)		19,669.50	24,086.96	
		Ground Coverage (n	n ²)	Not Applicable	3,383.76	
		Common Plot Area (582.8	635.44	
		Max. Building Heigh		25	24.85	
9.	Building Details	 No. of Buildings:-6 No. of Blocks:-8 Scope of Buildings/Blocks: 2 buildings – basement + ground floor (shops 8 parking) + 7 floors, 4 buildings – basement + hollow plinth + 7 floors. No. & size of Residential Units: 336 (84 flats – 1 BHK, 252 flats – 2 BHK) No. & Type of Commercial Units:16 Shops Details of Amenities if any:- None 				
10.	No. of expected residents / users	Fixed population considered for the project : 1,728 Persons Floating population considered for the project: 1,200 Persons/day				
11.	Water & waste water details during construction phase	 Water requirement (KL/day):- 15 Source of water:- Local water tanker suppliers Waste water generation quantity (KL/day):- 4 Mode of disposal:- Septic tank / Soak pit system 				
12.	Water & waste water details during operation phase	 Details of reuse of water, if any:- None. Fresh water requirement (KL/day):- 257 Source of water:- Ahmedabad Municipal Corporation (AMC) Waste water generation quantity (KL/day): 204 Mode of disposal:- Waste water will be discharged through AMC drainage system. 				
13.	Status of water supply and drainage line	from the project si	ite. drainage conn	_	ion is approx. 700 m away	
14.	Solid Waste Management	Construction Phase:				
			Generation	Quantity to be reused	Mode of Disposal/Reuse	
		Top Soil	2,800 m ³	2,800 m ³	Development of greenbelt & levelling of low lying areas	
		Other Excavated Earth	11,200 m ³	11,200 m ³	Levelling of low lying areas and development of green belt area at proposed site itself.	
		Construction	530 m ³	530 m ³	Levelling roads,	

		Debris			pavement plinth filling	ts, plot filling,
		Steel Scrap	3.5 MT			sold to scarp
		Discarded packing Materials/ Bags	1,45,000 Bags		To be so vendor.	ld to authorized
		Operation Phase:				
		Type of waste	Generation Quantity (kg/day)	Mode of collect		Mode of Disposal / Reuse
		Dry waste	852 kg/day	44 Nos. of blitre capacity provided for	y will be	Will be regularly collected by AMC for
		Wet waste	ion if to be done.	of waste.		disposal
		Details of segregateCapacity and no. or				nises.
		Total 44 Nos. – each	•	•	within pron	111303.
		 Landfill site where waste will be ultimately disposed by local authority: not available. 				al authority: Detail
15.	Parking Details	 Total parking area requirement for the project as per GDCR: 2,805.81 m² Parking area requirement for residential units as per GDCR: 2,605.49 m² Parking area requirement for commercial units as per GDCR: 200.32 m² Total number of CPS requirement for the project as per NBC: 184 CPS Number of CPS requirement for residential units as per NBC: 168 CPS Number of CPS requirement for commercial units as per NBC: 16 CPS Total parking area provided (m²) & No. of ECS: 6,203.15 m² & 215 CPS Parking area provided in basement (m²) & No. of ECS: 2,481.9 m² & 78 CPS Parking area provided in hollow plinth (m²) & No. of ECS: 3,200.13 m² & 114 CPS Parking area provided as open surface (m²) & No. of ECS: 203.4 m² & 9 CPS Parking area provided (at any other place-specify) (m²) & No. of ECS: 317.72 				2,605.49 m ² 8: 200.32 m ² 6: 184 CPS 6: 168 CPS 6: 16 CPS 8: 215 CPS 1.9 m ² & 78 CPS 8,200.13 m ² & 114
16.	Traffic Management	 Width of adjacent p Number of Entry 8 one gate for entry i Width of Entry & Ex Minimum width of tender (excluding the Width of all internal 	Exit provided on the basement wit provided on appen path all are width for the provided the provided the provided to the provi	on approach it, will be provi pproach road/sound the build plantation): At	road/s: Two ded. s: 7.5 m & d dings for ea least 3 m	4 m

17.	Details of Green Building measures proposed.	Maximum use of Ready Mix Concrete (RMC), fly ash paver blocks for pavements/walkways, most of the carpentry structures will be made up of processed engineering wood instead of wood, solar lights in common sunlit areas, maximum use of Portland Pozzolona Cement (PPC) containing high amount of fly ash, rainwater harvesting by recharging the ground water table with provision for percolation wells, PVC electrical boards, aluminium window frame & marble door frame instead of wood, Rainwater harvesting by recharging the ground water table with provision for 2 percolation wells, maximize the use of light colours in the building envelope - to reduce heat absorption and associated cooling requirements etc.					
18.	Energy Requirement, Source and Conservation	 Power supply: Maximum demand: During Construction: 50 kW During Operation: 2 MW Source: M/s. Torrent Power Limited (TPL) Energy saving by Non-conventional Methods: Use of solar lighting in common sunlit areas Energy saving measures: Use of solar lighting in common sunlit areas, maximum use of LED lights in each block, use of variable frequency drives motors to optimize power consumption, the individual building block has been oriented so as to have maximum natural daylight as well as ventilation, use of building material having lower U-value and the insulating material having higher R-value to have optimum energy performance, maximize the use of light and silent colours in the building envelope so that UV absorption is reduced and associated cooling requirements are minimized. 					
19.	Fire and Life Safety Measures	 D.G. Sets: Not proposed. During the operation phase: Fire extinguishers, fire hydrant system, hose reels, down comers, manual alarm system, one nos. of underground water storage tank having 100 KL capacity, overhead tanks of 25 KL capacity on each individual block, Nearest fire station is Jasodanagar-Odhav fire station approx. (4 km).Time required for the fire tender to reach at the project site is 15 minutes. During the construction phase: Fire extinguishers in common areas, personal protective equipments like earplugs, dust masks, safety shoes, helmets, hand gloves, etc will be provided to all workers, all workers will be trained to use welding shields and follow safer practice, provision of first aid facilities & related training to the construction workers, maintaining hoists and lifts, lifting machines, chains, ropes, and other lifting tackles in good condition, "H" frame scaffolds & ladders made of mild steel, completely concealed copper wiring. 					
20.	Details on staircase						
	Type & No. of Buildings A S.	No. of Floors P. / H. P. + 7 Floors	Floor Area 394.55 m ²	No. of Staircase	Width of the Staircase 1.52 m	Travel Distance 19.5 m	
	B + C, F+G	H. P. + 7 Floors	768.02 m ²	2	1.50 m	20 m	
	·						
	D, E	H. P. +7 Floors	275.53 m ²	1	1.50 m	16.5 m	

	Н	S.P. / H. P. + 7 Floors 394.55 m ² 1 1.52 m 19.5 m				
21.	Rain Water Harvesting (RWH)	 No. and depth of percolations wells: 2 Nos., 40 m depth Details on Pre-treatment facilities: Before recharging rain water, suitable arrangements of filtering (preferably sand filtration media) will be provided. Gratings at mouth of each drainpipe will be provided on terraces to trap leaves, debris and floating materials. Filter media will be cleaned before every monsoon season. First rain separator will be provided to flush off first rains. During rainy season, the whole system (roof catchment, pipes, screens, first flush, and filters) will be checked before and after each rain and preferably cleaned after every dry period exceeding a month. 				
22.	Green area detail	 Tree covered area (m²): 342 Area covered by shrubs and bushes (m²): 318 Lawn covered area (m²): 250 Total Green Area (m²): 910 Green Area % of plot area: 12.5 % No. of trees and species to be planted: 115 trees of Asopalav, Gulmohar, Jamun, Badam, Chickoo etc. will be preferred. 				
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Budgetary allocation of Rs. 7 lacs & Rs. 10.5 lacs has been proposed for Environmental Management Plan during the construction phase & operation phase respectively.				
24.	Dust control measures	Temporary windshield barriers, regular water sprinkling, tarpaulin sheet cover on the material during the transportation, maximum use of Ready Mix Concrete (RMC), uniform piling of sand and proper storage to avoid dusting.				
25.	Eco friendly building materials	Maximum use of Ready Mix Concrete (RMC), fly ash paver blocks for pavements/walkways, most of the carpentry structures will be made up of processed engineering wood instead of wood, maximum use of Portland Pozzolona Cement (PPC) containing high amount of fly ash.				
26.		e Sanitation facilities, drinking water, municipal solid waste collection facility etc.				
27.	Documents relate to land possessio					

During the meeting while asking by the committee, it was presented that the TSDF site of NEPL is at a distance of 2.2 km from the project site. The project proponent was suggested to increase the parking area provision. After detailed discussion it was decided to consider the project only after submission of the following:

- 1. Revised details on increased parking area provision for the project considering the actual parking area available in hollow plinth for parking purpose and parking plans.
- 2. Details on the permissible FSI for the proposed project and copy of permission from the concerned competent authority for the proposed FSI.

12.	Building construction	Survey No: 100/1/1, F.P. No: 80, T.P.S	Screening & scoping.
	project by Mr. Bhanubhai	No: 31, Vastrapur, Ahmedabad	
	Dahyabhai Patel.		

Sr. No.	Particulars	Details			
1.	Proposal is for	New Project [SIA/GJ/NC	P/34894/2015]		
2.	Type of Project	Commercial Project			
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)			
4.	Name of the project	Commercial Project			
5.	Name of Developer	Bhanubhai Dahyabhai P	atel		
6.	Estimated Project Cost (Rs. In Crores)	65 Crores			
7.	Whether construction work has been initiated at site? If yes, details thereof	No			
8.	Project Details	 Land / Plot Area (m²): 5,767 FSI area (m²): 23,068 Total BUA (m²):46,240.19 			
		FSI Area Ground Coverage Common Plot Area Max. building height	Permissible 23,068 NA 576.7 70	Proposed 23,068 3194.96 577 45	
9.	Building Details	No.& size of Residentia	cial Units: 35 shops and 2		
10.	No. of expected residents / users	2300 occupants and 300) visitors		
11.	Water & waste water details during construction phase	 Water requirement (KL/day): 19.75 Source of water: Water tankers Waste water generation quantity (KL/day): 5.73 Mode of disposal: septic tank Details of reuse of water, if any: No 			
12.	Water & waste water details during operation phase	Fresh water requireme Source of water: Water Waste water generation	` ' '		

		Mode of dispose	sal: Into sewer l	ine of AMC.			
13.	Status of water supply and	Available at site					
14.	drainage line Solid waste	Construction P	haso:				
	Management	Construction F	Generation (m³)	Quantity to be reused (m³)	Mode of Disposal /		
		Top Soil	2,000	2,000	Reuse Development of landscape area		
		Other excavated earth	38,000	16,000 m ³ will be used for back filling and raising plinth level.	Balance earth will be used at other projects as per requirement.		
		Construction debris	450	220 m ³ will be used for development of internal road.	Balance debris will be handed over to local authority or fill in low laying area		
		Steel scrap	15	0	Sold to vendors		
		Discarded packing materials	10	0	Sold to vendors		
		Operation Phas Type of waste	Generation Quantity	Mode of waste	Mode of Disposal /		
		Dry waste	(Kg/day) 288	collection White bins	Reuse Sold to		
		Motovosts	432	Cross Diss	vendors		
		and 12 number • Landfill site wh	egation if to be one of community of community ere waste will be	y bins to be placed bins to be placed i e ultimately dispos	n common area		
4 -	Deals District		collection point o		0505 ::=	20.00	
15.	Parking Details	Parking area re	equirement for (t for the project as Commercial units a	as per GDCR:11,	522.02 m ²	
		 Total number of CPS requirement for the project as per NBC :462 Number of CPS requirement for commercial units as per NBC:462 					
		_	. ,	n^2) & No. of CPS: ment (m^2) & No. o			
		Parking area p	ovided (at any o	n surface (m²) & N ther place-specify) 5.			
16.	Traffic Management		•	: 12 m and 36 m v ed on approach ro		will be	

	1			
17.	Details of Green Building measures proposed. Energy Requirement, Source and Conservation	motors & pumps, water efficient taps, maximum use of RMC & aerated blocks, use of LED lighting fixtures and low voltage lighting, solar lighting in open and landscape areas- 8 numbers of solar lighting, roof-top thermal insulation, water meters, rain water harvesting & ground water recharge through 2 nos. of percolating wells etc. • Power supply: Maximum demand: 2000 KVA Connected load: 2250 KVA Source: Torrent Power Limited • % of saving with calculations: ~40% by use of LED lights, star rated energy efficient electronic consumer durables and solar lights. • Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular		
19.	form: only roof area • DG Sets: No. and capacity of the DG sets:1 x 125 KVA Fuel & its quantity: HSD, 25 litre/hr Fire and Life Safety Measures • During Construction Phase: Provision of Personal Protective Equipme (PPEs) to the construction workers and its usage shall be ensured a supervised, training to all workers on construction safety aspects, first room with first aid kit, doctor & ambulance service. • During operation phase (Commercial): Fire extinguishers, hose respective provided to the provid			
		manually operated electric fire alarm system, wet riser, automatic sprinkler system in basement, underground static water storage tank-200 KL capacity, terrace tank -40 KL capacity (total capacity), pump near underground static water storage tank (fire pump) with minimum Pressure of 3.5 kg/cm2 at terrace level etc.		
20.	Details on stairc	ase		
	Type & n of buildin	gs floors m ² staircase staircase distance (m)		
	Commerc	cial G + 13 2,324.96 3 2.00 and 3.03 24		
21.	Rain Water Harvesting (RWH)	 Level of the Ground water table: 21 m No. & dimensions of RWH tank(s): 2 No and 2.5m X 2.0 m X 3.0 m No. and depth of percolations wells: 2 no and 17 m Details on Pre-treatment facilities: oil and grease removal and filter 		
22.	Green area details	• Tree covered area (m²):200		
	uetalis	 Area covered by shrubs and bushes (m²):100 Lawn covered area (m²):477 Total Green Area (m²):777 Green Area % of plot area: 10% No. of trees and species to be planted: 87 number of trees and Limbdo, KaadoSiris, Jambu, Asopalay, DesiBadam and Gulmohar 		
23.	Dust control measures	 Lawn covered area (m²):477 Total Green Area (m²):777 Green Area % of plot area: 10% 		

	allocation for Environmental Management Plan (Rs. in lacs)	respectively has been made for EMP & EMS.
25.	Details of ecofriendly building materials	Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC, lead free paints etc.
26.	Details of amenities to be provided to construction workers.	Sanitation facilities, maintaining hygienic condition at the project site to avoid health problems, safe drinking water, PPEs, first aid room with first aid kit & welfare facilities as per the Gujarat Building & Other Construction Workers Rules.
27.	Documents related to land possession	Village form no. 7/12 submitted by them shows that the agricultural land is in the name of applicant & others. Copy of application made for obtaining N.A permission has been submitted.

During the meeting, it was presented that traffic survey was carried out on a road connecting S.G highway & 132 ft ring road, which shows that the road having carrying capacity of 4400 PCU will be adequate enough to cater the total traffic load of 2215 PCU after the proposed project will come into existence. After detailed discussion it was decided to recommend the project to SEIAA Gujarat for grant of Environmental Clearance. After detailed discussion, it was decided to appraise the project further only after submission of the following:

- 1. Project plans showing built up area table, FSI area table, Floor area table and plot area statement as presented before the committee.
- 2. Perspective view of the building(s) to be constructed along with the materials used such as fibers, glass, etc. on the facades or external walls and the impacts thereof on the nearby buildings / residents due to heat island effect and emissions from the air conditioning systems.
- 3. Floor area details on each floor of commercial building, requirement & provision of staircases as per the requirement of GDCR & NBC norms, details on travel distance of the staircase from the farthest corner of the floor as well as between the two consecutive staircases, details of the exits and staircases on each floor in high rise buildings for evacuation from the top level to the street level along with floor wise evacuation plan in case of emergency etc.
- 4. Calculation and provision of minimum fire water requirement based on fire study as well as the availability of external fire fighting facility. Plans showing location of automatic sprinklers to be provided in all the buildings.
- 5. Details on provision to be made for ventilation, natural lighting and CO sensors in basement.
- Details of mechanical parking to be provided (also including its operation, maintenance, energy consumption, appointing trained personnel's etc.) in the basement along with the feasibility of providing mechanical parking considering the basement height.
- 7. Revised layout plan showing two separate ramps for basement.

13.	Cosmos Plus	S.No.270/P 1, 270/P 2, Village: Madvi,	Screening & scoping /
		Ta. & Dist: Rajkot.	appraisal.

Sr. No.	Particulars		Details				
1.	Proposal is for	New Project [SIA/GJ/NCP/36	6948/2015]				
2.	Type of Project	Residential					
3.	Project / Activity No. [8(a) or 8(b)]	8(a)					
4.	Name of the project	Cosmos Plus					
5.	Name of Developer	M/s. Cosmos Developers					
6.	Estimated Project Cost (Rs. In Crores)	25.5 Crores (approx.)					
7.	Whether construction work has been initiated at site? If yes, details there of						
8.	Project Details	 Land / Plot Area (m²): 9,24 FSI area (m²): 17,338.01 Total BUA (m²): 22,145.02 					
			Permissible	Proposed			
		FSI Area (m ²)	17,341.87	17,338.01			
		Ground Coverage (m²)	3,717.11	3,704.21			
		Common Plot Area (m²)	924.90	988.76			
		Max. building height (m ²)		19			
9.	Building Details	 No. of Buildings: 10 Nos. No. of Blocks: 10 Scope of buildings/blocks: Hollow plinth + 5 floors. No. & size of Residential Units: 200 flats of 3 BHK No. & type of Commercial Units: Details of amenities if any: 					
10.	No. of expected residents / users	1200					
11.	Water & waste water details during construction phase	 Water requirement (KL/day Source of water: Existing E Waste water generation qu Mode of disposal: 20% loss reused for concrete Handli treatment. Details of reuse of water, if 	Bore well uantity (KL/day):4.50 s on washing; rest on maching; rest on maching & curing	will be collected and			
12.	Water & waste water details during operation phase	 Fresh water requirement (KL/day):116.0 Source of water: will be met through RMC water supply. Waste water generation quantity (KL/day):87.0 Mode of disposal: will be discharged into drainage line of RMC. 					
13.	Status of water supply and drainage line	Will be met through water su drainage line will be provided		unicipal Corporation and			
14.	Solid waste Management	Construction Phase: Generation (m³)	• •	Mode of Disposal /			

		Top Soil	7,500	7,500	Reuse at site for green	
		Top Con	7,500	7,500	belt development and	
					backfilling of low laying	
					areas within premises.	
		Other			Whatsoever will be used	
		excavated			for backfilling.	
		earth				
		Constructio	142	142	Reuse in construction	
		n debris			work , levelling ,road	
					filling	
		Steel scrap	4.5 tonnes aprox.		Sent to scrap vender	
		Discarded	2 tonnes		Sent to scrap vender	
		packing	2 (0)00		Contro corap vondor	
		materials				
15.	Parking Details		g area require	ment for the proj	ect as per GDCR: 3,432.81	
		m ²				
		 Parking area m² 	a requirement	for residential ur	nits as per GDCR: 3,432.81	
		Total number	er of CPS requ	irement for the p	project as per NBC : 100 nos.	
					I units as per NBC: 100 nos.	
					ECS: 3,665.38 & 130 Nos.	
		_	a provided in h	ollow plinth (m²)	& No. of ECS: 3,665.38 &	
40	Toolii Manaanaan	130 Nos.		1 10 0 10		
16.	Traffic Management	-	•	oads: 12 m & 10.		
		 Number of Entry & Exit provided on approach road/s: 3 gates will be provided. 				
		•	trv & Exit provi	ded on approac	h road/s: 4 m & 6 m.	
			•	• •	buildings for easy access of	
				width for the plar		
			internal roads:			
17.	Details of Green	1 -	•	•	ne power requirement. Light	
	Building measures			_	Solar street lighting will be	
	proposed.	1 -	•		as possible. Maximum use of	
					building orientation. Provision	
		_	-		s, roof-top thermal insulation,	
		light colors to	reduce the U	V absorption, a	utomatic switching system for	
		common build	ling and street	lighting.		
18.	Energy Requirement,	Power supp	ly:			
	Source and		, emand:377 K∖	/A		
	Conservation	Connected load: 377 KVA				
		Source: From GEB				
		• Energy saving measures: Efficient lamps, luminaries and control				
		devices will be provided. Time switches will be installed for automatic				
			•		street lighting of roads. The	
			• •	•	having minimum efficiency of	
					nd ceiling to reduced the UV	
			-		d cooling requirement. The	
					and the insulating material	
					ected for optimum energy	
					will be undertaken to identify	
	1	1 1	57	5 - 9-		

		the areas where wastage of energy occurs and for devising measures of energy conservation. • DG Sets: Not proposed.			
19.	Fire and Life Safety Measures	 The nearest fire stations from the project site are at Kalawada at 3.55 km in NE direction and Mavdi at 3.22 km in E direction which require approximate 10-15 min travel time in case of emergency. Underground fire water tank with storage capacity of 2 KL X 10 Nos. to be used during fire emergency, will be provided. 			
20.	Details on staircase: on residential building.	e staircase of 1.2 m width will be provided in each of the proposed			
21.	Rain Water Harvesting (RWH)	 Level of the Ground water table:100 m to 150 m No. & dimensions of RWH tank(s):- No. and depth of percolations wells: 4 nos. Details on Pre-treatment facilities: Catch pit & Filtration. 			
22.	Green area details	 Tree covered area (m²):988.75 Area covered by shrubs and bushes (m²): Lawn covered area (m²): Total Green Area (m²):988.75 Green Area % of plot area: 11% No. of trees and species to be planted: 275 			
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	4.5 Lacks/ Annum			
24.	Proposed dust control measures during the construction phase	Use of plastic cover sheet while transporting raw material at site, use of water sprinkling system at site, provision of barricade sheet of steel /tin of minimum 3 m heights to protect the surrounding areas from the dust etc.			
25.	Eco friendly building material usage details.	Use of earth blocks, fly ash and Fal-G (fly ash, lime and gypsum) as alternative materials for construction of wall in-place of clay bricks with cement mortar where as applicable.			
26.	Documents related to land possession	N.A order submitted by them shows that the land for residential use is in the name of land owners. Sale deed between the land owners & M/s Cosmos Developers, a partnership firm, has been submitted. Rajachithhi obtained from RMC is in the name of partners of M/s Cosmos Developers.			

During the meeting, after detailed discussion, it was decided to consider the project only after submission of the following:

- 1. Full size project plans showing building wise & floor wise built up area, FSI area, floor area & plot area details of the project.
- 2. Explore the possibility of increasing the parking area provision and revised details on parking provision showing accommodation of two wheelers and four wheelers, its adequacy for the project and norms adopted for the calculations. The details shall include comparative table showing parking requirements as per present RMC/ GDCR and National Building Code (NBC) guidelines and parking area to be provided. The back up calculations showing the numbers and area of residential units in each building, requirement of car parking space according to numbers / area of residential units, each equivalent car space inclusive

of circulation area considered in respect of open parking & ground floor covered parking as per the NBC guidelines etc. shall be furnished. Mark the area of parking on the drawing showing the parking in different colour code. Also details of visitors parking, whether considered in total parking calculations / provisions or not.

- 3. Details with respect to the quantity of the generation of the garbage / municipal solid waste and plan for its collection, segregation and mode of its disposal, number of bins & community bins to be provided within premises etc. Permission from the concerned authority for collection of municipal solid waste.
- 4. The details of the basic amenities and welfare facilities to be provided to the construction workers to ensure that they do not ruin the existing environment.

	T	5.0.11.004			_	0 1 0 1
14.	Omkar – II	R.S.No.204,	Moje:	Piraman,	Ta:	Screening & scoping.
		Ankleshwar, D	•			

Project proponent has applied for obtaining Environmental Clearance for the building construction project. During the meeting, it was found that the construction activity for the proposed project has already been started without obtaining prior Environmental Clearance. While asking by the committee, it was replied that they have got construction permission for built up area of 19,000 m² from the Town Planning department and as it does not attract the provisions of EIA notification 2006, they have started construction activity for the project. Now they are planning to develop the project with built up area of 32,318.34 m².

During the meeting, after detailed discussion, it was decided to consider the project for screening & scoping / appraisal only after submission of the following:

- 1. Project plans approved by concerned authority for built up area of 19,000 m² and a copy of permission obtained for construction of the same from concerned authority.
- 2. Reasons & justification for increase in the built area from 19,000 m² to 32,318.34 m².
- 3. Layout plan showing the existing constructed buildings & proposed buildings in different colour codes.
- 4. Date of starting the construction activity at the project site. Details of the construction work completed in terms of the percentage of the total construction area of the project.
- 5. Detailed justification for initiating the construction activity for the proposed project with all the relevant supporting documents and as to why the construction activity started by them should not be considered as violation of the EIA Notification-2006.
- 6. Recent photographs showing the date and current status of the project site.

15.	Shyam Sangini I-B	B.No. 25, 27/A ,215,48, O.P.No.102,183,	Screening & scoping
		185 & 171/a, F.P.No.102,183,185 &	
		171/1, T.P.S.No. 35 (Kumbhariya-Saroli-	
		Sania – Hemad - Devadh), Kumbhariya,	
		Surat	

Sr.	Particulars	Details
No		
1.	Proposal is for	New Project [SIA/GJ/NCP/35260/2015]
2.	Type of Project	Commercial
3.	Project / Activity No.	8(a)
	[8(a) or 8(b)]	
4.	Name of the project	Shyam Sangini1(B) Warehouse textile market project

5.	Name of Developer	Mr. Jigneshbhai Patel			
	Estimate ID :				
6.	Estimated Project Cost (Rs. In Crores)	Rs. 90 crores			
7.	Whether construction work has been initiated at site? If yes, details	No			
	thereof	2			
8.	Project Details	• Land / Plot Area (m²): 10,3	79		
		• FSI area (m²): 41,485.18			
		• Total BUA (m ²):65,415.89			
			Permissible	Proposed	
		FSI Area (m ²)	41,516.00	41,485.18	
		Ground Coverage (m ²)	5,189.5	4,732.88	
		Common Plot Area (m²)	2,108.75	2,108.75	
	D 11 D 4 11	Max. building height (m)	65	53.6	
9.	Building Details	No. of Buildings:1			
		No. of Blocks:1			
		Scope of buildings/blocks: 2	2 level basement +	ground floor + 9 floors	
		 No.& size of Residential Ur 	its:		
		No. & type of Commercial	Jnits:449 units		
		Details of amenities if any:			
10.	No. of expected residents / users	2020			
11.	Water & waste water	 Water requirement (KL/day): 30.0		
	details during	Source of water: water supply from Gam Panchayat			
	construction phase	Waste water generation quantity (KL/day): 2.28 KLD			
		Mode of disposal: Details o	f reuse of water, if a	any: Soak Pit	
12.	Water & waste water	• Fresh water requirement (K	L/day): 50.0		
	details during operation phase	Source of water: water sup- water supplier	oly from Gam Panc	hayat & packaged drinking	
		Waste water generation qu	antity (KL/day): 65.0	0	
		Mode of disposal: Sewage	• • • • • • • • • • • • • • • • • • • •		
			-	for gardening & flushing	
			-	ent possible and remaining	
				n to Gam panchayat drain/	
		recycle for agriculture purpo		, ,	
		• In case of STP provision, case		0.0 KL/day	
		• STP Technology: - FMR te	•		
		Purposes for treated water	•	na & flushina.	
		Quantity of treated water to		•	
		gaaning of floated water to		ning (KL/day): 31.0	
		Provision of dual plumbing		• • • • • • • • • • • • • • • • • • • •	
		Quantity and type (treated/	*		
		1	•	•	
		Treated sewage will be reconstructed and excess treated are		.	
		house and excess treated s	•	• • •	
		drainage or given to nearby		are purpose.	
		Mode of disposal: as above) <u>.</u>		

13.	Status of water						
	supply and drainage line						
14.	14. Solid waste Management	Construction Phase:					
			Generation (m ³)	Quantity to be reused (m ³)	Mode of Disposal / Reuse		
		Top Soil	4,365.0	800.0	800 m³ of excavated top soil will be utilized for greenbelt development and remaining quantity of top soil will be utilized for back filling		
		Other excavated earth	74545.66	990.0	990.0 m³ of excavated soil will be utilized for back filling within site. Excess soil will be utilized at other project site after obtaining necessary permission, if any.		
		Construction debris	15kg/day	Nil	Sold off to recyclers/ vendors.		
		Steel scrap	15kg/day				
		Discarded packing materials	6kg/day				
			<u> </u>				
		Operation Phase Type of waste		Mode of	Mode of Disposal /		
		Type of waste	Quantity (Kg/day)	waste collection	Reuse		
		Dry waste Wet waste	306 kg/day 300 kg/day	Into separa bins to be provided within premises.	tte Final disposal at Khajod Disposal Site		
		Details of segre	egation if to be	done: Separat	te bins for dry and wet waste		
		will be provided					
				•	aced within premises:1 bin		
				•	1 bin of 315 kg for wet waste		
		•	d to the building		isposed by local authority: at		
		Khajod Dispos		o unimatery u	isposed by local autilitity, at		
15.	Parking Details	Total parking a m ²	rea requiremer		ct as per GDCR: 20,742.59		
		m ²	•		nits as per GDCR: 20,742.59		
		Total number of	of CPS requiren	nent for the pro	oject as per NBC :166		

	Number of CPS requirement for commercial units as per NBC:166
	• Total Parking area provided (m²) & No. of ECS: 21,375.73 m² and 700 ECS
	• Parking area provided in basement (m²) & No. of ECS: 16,415.34 m² and 513 ECS
	• Parking area provided in hollow plinth (m²) & No. of ECS:1,428.34 m² and 51 ECS
	Parking area provided as open surface (m²) & No. of ECS: 2,108.75 m² and 92 ECS
	Parking area provided (Mechanical Parking) (m²) & No. of ECS:1,423.30 m² and 44 ECS
Traffic Management	Width of adjacent public roads:60 m & 18 m wide TP roads.
	Number of Entry & Exit provided on approach road/s: Two gates will be provided.
	·
	Width of Entry & Exit provided on approach road/s:7.0 m
	Minimum width of open path all around the buildings for easy access of fire tender (excluding the width forthe plantation):
	Width of all internal roads: 6 m
Dotails of Groop	Provision to install aerated coke (foam type) in wash basins, kitchen, low
	flush water closets in toilet and pressure reducing valves in water pipeline,
_	rain water harvesting & ground water recharge, maximum utilization of
	natural light, roof-top thermal insulation, CFL lighting fixtures in the
	common areas, appropriate design to shut out excess heat and gain loss,
	use of solar energy in external lighting (landscape lighting), use of aerated
	blocks etc.
Energy	Power supply:
<u> </u>	Maximum demand:3800 KW
Source and	Connected load:4000 KW
Conservation	Source:DGVCL
	Energy saving measures: Maximum utilization of natural light, roof-top
	thermal insulation, CFL lighting fixtures in the common areas, appropriate design to shut out excess heat and gain loss, use of solar energy in
	external lighting (landscape lighting), use of aerated blocks etc.
	DG Sets:
	No. and capacity of the DG sets:5 x 132 KVA
	Fuel & its quantity:diesel (10 Liter/h)
	Note : - D.G. Sets will be used incase of power failure or fire emergency
Fire and Life Safety Measures	During the construction phase: Fire extinguishers at various locations and easily accessible, to keep printed board showing important telephone number of fire, ambulance, hospital etc. training to the workers on safety aspects, first aid box at identified places within premises, doctor & ambulance services, provision of PPE'S like helmet, gumboot/safety shoes, safety net, safety goggles etc.
	During the operation phase: Fire extinguishers at each floor, hose reel at each floor, wet riser opening at each floor, manually operated electric fire
	Details of Green Building measures proposed. Energy Requirement, Source and Conservation

			Dista	ance from p	roject site: 4	4 km.		
20.	Details on staird	ase						
	Type & no. of	No. o	f	Floor	No. of	Width of the	Travel	
	buildings	floors		area	staircase	staircase	distance (m)	
		9		4,248.70	4	2.01 m	Less than 30	
							m	<u> </u>
21.	Rain Water		- 1 01/0	l of the Cue		able: 10m		
21.	Harvesting				ound water t			
	(RWH)				ns of RWH t	` '		
	(,			-	of percolation			
					reatment fac	cilities :only roof	f top rainwater ha	rvesting is
				osed	. 0.			
22.	Green area deta	ails			ea (m²): 600			
						d bushes (m²): 2	250.0	
					ırea (m²): 40			
			Tota	l Green Are	ea (m²): 125	0.0		
			• Gree	en Area % d	of plot area:	9.63%		
			• No. 0	of trees and	species to	be planted: 350	trees of local spe	ecies.
23.	Budgetary alloca		• Gree	en belt deve	elopment : 6	0Lacs		
	for Environment		Drainage and rain water harvesting: 50 lacs					
	Management Pl	an	Sewage treatment plant: 200 Lacs					
	(Rs. in lacs)		Solar and energy saving: 30Lacs					
			• Tota	l: 340Lacs	., .			
24.	Proposed dust		Loadir	ng & trans	portation in	covered truck	s, covered shed	provided for
	control measure	es	cemer	nt unloadin	g activity, t	emporarily win	d screen around	I project site,
	during the		sprink	ling of wate	r on roads a	and in vicinity of	storage area.	
0.5	construction pha							
25.							aints etc.	
	material usage details.							
26.	Basic amenities	to	Drinkir	ng water &	tan water s	anitation facilitie	es, first aid box, fro	ee medicines
20.	be provided to			service, Pl		a.mation radiitie	o, mot ala box, m	oo moalomo,
	construction			,				
	workers.							

During the meeting, it was presented that they have obtained NOC from Airports Authority of India for building height of 80.0 m above the ground level. After discussing various aspects of the project in detail, it was decided to further appraise the project only after submission of the following:

- 1. Exact source of water supply during the construction & operation phase of the project and permission / letter of intent from the concerned authority for providing water supply, drainage connection & municipal solid waste collection facility to the project. Details on source of availability of water to the gram panchayat, details of pumping station, STP, final disposal point of sewage by the gram panchayat.
- 2. Complete management plan of treated sewage during the operation phase including quantity wise break up of treated sewage utilization, design drawing of dual plumbing system, mode of final disposal, management plan during the monsoon season etc.
- 3. Details of mechanical parking to be provided (also including the details like its operation, maintenance, energy consumption, appointing trained personnel's etc.) in the basement along with the feasibility of providing mechanical parking considering the basement height.
- 4. Layout plan showing provision of adequate margin all round the periphery for easy unobstructed

movement of fire tender without reversing.

- Calculation and provision of minimum fire water requirement based on fire study as well as the availability
 of external fire fighting facility. Plans showing location of automatic sprinklers to be provided in the
 buildings.
- 6. Copy of permission from Urban Development & Urban Housing Department, Gandhinagar for the proposed FSI of 3.9.
- 7. Type of activities to be carried out in the proposed commercial units. Undertaking stating that no any kind of manufacturing activity shall be allowed in the commercial units of the proposed project and they will not sold / allot any commercial unit for storage of chemicals, flammable substances, explosives, fire crackers or any other material of hazardous characteristics.
- 8. Land possession documents showing ownership of the land by the applicant / project proponent. Copy of permission obtained for non agricultural use of the project site or correspondences made in this regard.

16.	Shiv Shrushti	Block no. 554, Moje: Umbhel,	Screening & scoping /
		Ta:Kamrej, Dist: Surat.	appraisal.

Sr. No.	Particulars	Details		
1.	Proposal is for	New Project [SIA/GJ/NCP/	35888/2015]	
2.	Type of Project	Residential / Commercial		
3.	Project / Activity No. [8(a) or 8(b)]	8(a)		
4.	Name of the project	Shiv Shrushti		
5.	Name of Developer	Shiv Shrushti Developers.		
6.	Estimated Project Cost (Rs. In Crores)	Rs. 95.0 Crore		
7.	Whether construction work has been initiated at site? If yes, details thereof	No		
8.	Project Details	 Land / Plot Area (m²): 26 Net Plot Area (m²): 19,3 FSI area (m²): 34,242.25 Total BUA (m²): 54,826 FSI Area (m²) Ground Coverage (m²) 	04.76 5	Proposed 34,242.25 7,363.05

6,130.00

		Max. building heigh		1.00	18.30 m			
9.	Building Details			Hential huildings & 3				
0.	Ballaling Botalio	 No. of Buildings: 09 Nos. Residential buildings & 2 Nos. Commercial buildings No. of Blocks: 15 nos. of residential blocks + 2 commercial blocks. 						
					basement + hollow plinth + 5			
			•	•	•			
		No. & size of Res	•	basement + ground	u 11001 + 4 110015.			
		No. & type of Co		s: 152 Snops				
		Details of amenit						
10.	No. of expected	Expected residents						
	residents / users	Expected shop use						
		Expected visitors: 5						
11.	Water & waste	 Water requireme 						
	water details during		•	ter level depth: 08	meter)			
	construction	 Waste water gen 	eration quanti	ty (KL/day): 1.80				
	phase	 Mode of disposa 	l: septic tank &	k soak pit.				
	•	Details of reuse of reuse of reuse of the control of the cont	of water, if any	: W/W generated f	rom washing of equipment will			
		be reused for cui	ring after nece	ssary treatment.				
12.	Water & waste	 Total water requi 	rement (KL/da	ay): 275.30				
	water details	 Fresh water requ 	uirement (KL/d	ay): 155.52				
	during operation phase	Source of water:	Borewell (Wa	ter Level Depth: 18	5 m)			
	priase	 Waste water gen 	eration quanti	ty (KL/day): 200.5				
		 Mode of disposa 	I: Sewage to	be generated will be	e treated into STP and treated			
		sewage will be to	otally reused for	or gardening & toile	t flushing.			
		 In case of STP p 	rovision, capa	city of STP: 200 m3	3/day			
		 STP Technology 	: Primary, Sec	condary & Tertiary	Treatment			
		 Purposes for treat 	ated water utili	zation: Treated sev	vage will be utilized for			
		gardening and to	ilet flushing					
		 Quantity of treate 	ed water to be	reused (KL/day): 1	. Gardening (KL/day): 24.50			
				2	. Flushing (KL/day): 116.0			
		 Provision of dual 	plumbing sys	tem (Yes/No): Yes				
		Quantity and type	e (treated/untr	eated)of water to b	e discharged: Nil			
		Mode of disposa	I: Treated sew	age will be comple	tely reused for gardening &			
		toilet flushing.						
13.	Status of water	Borewell water will	be used. It is p	proposed to reuse t	reated sewage completely			
	supply and	within premises.						
1.1	drainage line Solid waste	Construction Dhoos						
14.	Management	Construction Phase	Generation	Quantity to be	Mode of Disposal / Reuse			
	Management		(m ³)	Quantity to be reused (m ³)	iviode of Disposal / Reuse			
		Top Soil	3,065.0	3,065.0	Reuse for developing			
			2,000.0	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	garden area			
		Other excavated	35,148.0	4,583.10 m ³				
		earth		will be used for	. ,			
				back filling	filling & raising the plinth			
					level in consultation with SMC.			
		Construction	576	274	Reused as a filler up to			
		debris	3, 5	-1 -	plinth level and remaining			
1		i i debiis			pilitili lovoi alia formalilita i			
		debiis			will be reused in outer road			

1,931.08

Common Plot Area (m²)

					develop	oment.
		Steel scrap	22			local scrap vendors
		Discarded				local vendors
		packing	14			
		materials				
				•		_
		Operation Phase:				
		Type of waste	Generation Quantity	Mode o collection		Mode of Disposal /
			(Kg/day)	Collection		Reuse
		Dry waste	666.72	Blue	colour	Through door to
				bucket		door waste collection system of SUDA
		Wet waste	444.48	Green bucket	colour	Through door to door waste collection system of SUDA
		STP Sludge	20.0	On SDB		Reused in gardening as manure within project premises
		Details of segre	gation if to be d	one: Separate bin	s will be p	provided to collect dry
		and wet waste.				
		Capacity and not	o. of community	bins to be placed	within pre	emises: 1.0 m3 in
		each building				
		 Landfill site whe 	ere waste will be	ultimately dispos	ed by loca	al authority: MSW will
		be disposed at t	the nearest MS	W collection site	of SUDA /	SMC.
15.	Parking Details	 Total parking ar 	ea requirement	for the project as	per GDCI	R: 9,426.0 m ²
		 Parking area rea 	quirement for re	sidential units as	per GDCF	R: 7,022.35 m ²
		 Parking area red 	quirement for C	ommercial units a	s per GD0	CR: 2,403.29 m ²
		Total number of	-		·=	
			•	r residential units	•	
		Number of CPS	•		•	
			•	2) & No. of ECS: 1	-	
			•			083.0 m ² & 346 ECS
		 Parking area pro 		` '		
		ECS		(<i>)</i> & 1401	J. 200 . (.,
			ovided as onen	surface (m²) & No	o of FCS:	511.0 m ² & 22 ECS.
16.	Traffic		•	. ,		ion & 12 m wide road
	Management	in E direction	5.5			
			y & Exit provide	d on approach roa	ad/s: 4 ga	tes will be provided
		Width of Entry 8	· ·		_	-
		1	•	around the buildi		
			•	the plantation): 3	•	,
		Width of all interest	•	•	•	
17.	Details of Green				f direct flu	ushing in toilets, foam
	Building	•	-			is for common areas,
	measures			•	•	s in common areas,
	proposed.	maximum use of n		-		
		maximum use of fi	atarar ngrit, pro	TOTAL OF THE CALL	400 01 116	atou oowage ole.

18.	Energy Requirement, Source and Conservation	Maximu Source: Energy landsca natural I DG Sets No. and Fuel & it	 Power supply Maximum demand: 3000 KVA Source: D.G.V.C.L Energy saving measures: use of LED lights for common areas, solar lights for landscape lighting, reflective/ white tiles in common areas, maximum use of natural light, DG Sets No. and capacity of the DG sets: 01 x 125 KVA Fuel & its quantity: Low Sulphur High speed Diesel (HSD) & quantity - 55 L/hr. Fire Extinguishers, hose reel, down comer, automatic sprinkler system in 					
	Safety Measure					ding, one elect rrace tank level	tric pump of capacity etc.	
20.	Details on staird	case						
	Bldg. No.	Floor No.	Floor Area (m²)	No. of Passenger Lift	No. of Staircase	, ,	Maximum Travel Distance up to the Staircase (< 30 m)	
	A-B, N-O, P- Q	G (H.P.) + 5	784.06	02	02	1.20	14.94	
	С	G (H.P.) + 5	392.03	01	01	1.20	14.94	
	D-E, F-G, H- I, J-K, L-M	G (H.P.) + 5	608.24	02	02	1.20	13.14	
	Shopping-1	G + 4	733.38	02	02	1.50	20.04	
	Shopping-2	G + 4	844.26	02	02	1.50	23.71	
	Harvesting (RWH)	size: 4 r size of E size of p • No. and kept up • Details of	m x 3 m x 3 r Bore: 350 mr Sipe: 150 mn I depth of pe to sand stra on Pre-treatr	m dia. n dia. ercolations wo ta level. ment facilities	ells: 10 nos	s. of percolating g chamber will	g wells, depth will be be provided to de-silt	
22.	Green area details	Area coLawn coTotal GrGreen ANo. of tr	and remove floating material through bar screen. Tree covered area (m2): 1,080.0 Area covered by shrubs and bushes (m2): Lawn covered area (m2): 5,050.0 Total Green Area (m2): 6,130.00 Green Area % of plot area: 31.75 % No. of trees and species to be planted: 180 trees of Asopalav, Coconut Palm					
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	towards po	Tree, Neem Tree, Gulmohor etc. Capital cost of Rs. 7.75 lacs and recurring cost of Rs. 2.35 lacs has been allocated owards purposes like rain water harvesting & ground water recharge, greenbelt development, environment monitoring & management, waste management etc.					
24.	Proposed dust control measures.	-	•	ered shed for struction mate		nloading activity	y, tarpaulin cover on	

25.	Use of Eco – friendly building materials.	Use of fly ash bricks & aerated blocks for water partition, paving blocks for parking areas & walk ways, Portland Pozzolona Cement for RCC structure, plaster & flooring etc.
26.	Details on amenities to be provided to construction workers	Drinking water & tap water, sanitation facilities, domestic waste water collection facility, lunch space, first aid box, free medicines, doctor service, PPEs etc.
27.	Documents related to land possession	Village form no. 7 & 12 as on 20/04/2013 shows that the N.A land for residential & commercial use is in the name of M/s Shiv Shrushti Develoeprs through its partners.

During the meeting, the project proponent was asked to obtain requisite permission from concerned competent authority for ground water abstraction for the proposed project. After detailed discussion, it was decided to consider the project only after submission of the following:

- 1. Copy of permission obtained from the concerned competent authority for ground water abstraction for the proposed project or copy of correspondences made in this regard.
- 2. Realistic details on treated sewage generation, treatment loss, quantity wise break up of treated sewage utilization and treated sewage management plan during the monsoon season. Capacity of STP based on the quantity of sewage generation during the operation phase & location of STP on layout plan.
- 3. Revised details with increased parking area provision for the proposed project.

17.	Alpine Moonlight	B.No.149/P, T.P.S.No.22(Sarthana -	Screening & scoping /
		Valak), F.P.No.2, O.P.No.2, at Sarthana,	appraisal.
		Dist: Surat.	

Sr. No.	Particulars	Details		
1.	Proposal is for	New Project [SIA/GJ/NCP/3	5352/2015]	
2.	Type of Project	Residential		
3.	Project / Activity No. [8(a) or 8(b)]	8(a)		
4.	Name of the project	Alpine Moonlight		
5.	Name of Developer	M/s Alpine Info		
6.	Estimated Project Cost (Rs. In Crores)	Rs. 110.00 Crore		
7.	Whether construction work has been initiated at site? If yes, details thereof			
8.	Project Details	 Land / Plot Area (m²): 11,2 FSI area (m²): 45,000.94 Total BUA (m²): 74,421.87 		Proposed

		FSI Area (m²)	45.00	02.48	45,000.94		
		Ground Coverage			2536.29		
		Common Plot Area			1237.00		
		Max. building heig	` '		70.40		
9.	Building Details	No. of Buildings: 5			<u> </u>		
		• No. of Blocks: 5 nos.					
		Scope of buildings	/blocks: 2 leve	el basement + hollo	ow plinth + 21 floors.		
		No. & size of Resident					
		No. & type of Com					
		Details of amenities					
10.	No. of expected	Expected residents:					
10.	residents / users	Expected shop user					
	Toolaonto / dooro	Expected shop user Expected visitors: 40					
11.	Water & waste	•		0			
11.	water details	Water requirement					
	during	Source of water: B	•	•	neter)		
	construction	Waste water gene		(KL/day): 2.70			
	phase	Mode of disposal:	•				
			•	•	om washing of equipment will		
		be reused for curir	ng after necess	sary treatment.			
12.	Water & waste	Total water require	` •	•			
	water details	 Fresh water requir 	ement (KL/day	y): 135.0			
	during operation phase	Source of water: w	ater supply fro	om S.M.C			
	priase	 Waste water gene 	ration quantity	(KL/day): 156.0			
		Mode of disposal:	U/G drainage	line of S.M.C			
		• In case of STP pro	vision, capaci	ty of STP: Yes (Se	wage Treatment Plant – 200		
		m3)					
		STP Technology:	Ozonization Ti	eatment			
		Purposes for treater	ed water utiliza	ation: Treated sewa	age will be utilized in gardening		
		and toilet flushing					
		 Quantity of treated 	sewage to be	reused: 1. Garder	ning (KL/day): 5.0		
				2. Flushir	ng (KL/day): 60.0		
		• Provision of dual p	lumbing syste	m (Yes/No): Yes			
		Quantity and type	(treated/untrea	ated)of water to be	discharged: Remaining		
		quantity of treated	sewage after	its utilization in gar	dening & flushing purpose will		
		be discharged into	the drainage	line of SMC.			
		Mode of disposal:	Into U/G drain	age line of S.M.C	after treatment & reuse.		
13.	Status of water	Applied for connecti		•			
	supply and			,			
	drainage line						
14.	Solid waste	Construction Phase		0	Marker (D)		
	Management		Generation	Quantity to be	Mode of Disposal / Reuse		
		Top Soil	(m³) 618.50	reused (m ³) 618.50	Reuse for developing		
			010.00	010.30	garden area		
		Other excavated	66,752.84	1,304.26 m ³	Disposed to other project		
		earth	,	will be reused			
				for back filling.	SMC		
		Construction	781	372 m ³ will be	•		
		debris		reused as a	plinth level or reused in		

				filler up to	outer ro	pad development	
				plinth level.		ad dovolopillon	
		Steel scrap	30		Sold to	local scrap vendors	
		Discarded			Sold to	local vendors	
		packing	19				
		materials					
		Operation Phase:					
		Type of waste	Generation Quantity (Kg/day)	Mode of collection		Mode of Disposal / Reuse	
		Dry waste	504.0	Blue bucket	colour	Through S.M.C door to door waste collection system	
		Wet waste	336.0	Green bucket	colour	Through S.M.C door to door waste	
		STP Sludge	20.0	On SDB		collection system Reused in	
		STI Sludge	20.0	Oll ODB		gardening as	
						manure within	
		D () (*** 1	project premises	
		 Details of segregation and wet waste. 	ation if to be dor	ie: Separate bins	wiii be pr	ovided to collect dry	
			of community b	ine to be placed v	vithin pror	mises: 1.0 m3 in each	
		building	of confindinty b	ins to be placed v	viti iii piei	ilises. 1.0 ilis ili eacii	
		Landfill site where	e waste will he u	ltimately dispose	d by local	authority: Khaiod	
		Landfill site of SM		minatory diopoco	a by local	addionty. Majod	
15.	Parking Details	Total parking area		r the project as p	er GDCR	: 6,750.0 m ²	
	· ·	Parking area requ	•			_	
		Total number of C		•		· ·	
		Number of CPS re	•	• •	•		
		Total Parking area	•		•		
						26.0 m ² & 550 ECS	
		_				752.0 m ² & 63 ECS	
		_				I,631.0 m ² & 71 ECS.	
16.	Traffic	Width of adjacent					
	Management	Number of Entry 8	•				
			•	• •	•	·	
		 Width of Entry & Exit provided on approach road/s: 7.50 m Minimum width of open path all around the buildings for easy access of fire tend 					
		(excluding the wid	• •		-		
		Width of all intern	•	•			
17.	Details of Green				f direct fl	ushing in toilets, foam	
	Building	•				r common areas, solar	
	measures	••		•	•	areas, maximum use	
	proposed.	of natural light etc.	<u>-</u>				
	~	lights for landscape		•	•	·	

ra)/		- Dower ounn	h.,				
Course and							
	ervation Source. D.G.V.C.L					uaaa aalau Kabta fau	
		•	•		•		•
		•	gnung, renec	ctive/ white ti	ies on terrace	e Hoor, m	aximum use oi naturai
		•					
			acity of the F	C ootor 2 v	10E K)/A		
		•	•			ı (HCD)	9 guantity EE I /h
		•	•		•		•
		•			•	acii D. C	set will be provided to
		provide pow	ci suppiy du	ing any cin	ergeriey)		
and L	ife	Fire extinguis	hers. hose i	reel. wet ris	er. vard hvdr	ant. auto	omatic sprinkler system
ety		•					·
sures		, , ,	•			•	•
		•	•		•	•	• 1
		1620 L/min. 8	one electric	pump of ca	pacity 180 L/	min. hav	ing pressure 3.5 kg/cm ²
		at terrace leve	el etc.				
ails on	staircas	е					
Ilda.		Floor	No. of	Width of	No. of	No. of	Maximum Travel
No.	Floor N	_			_		Distance up to the
	C(H D)	. ,	e	(m)	LITT	LIπ	Staircase (< 30 m)
4,E		548.09	02	2.00	01	01	14.12
s, C,)+ 200.50	00	0.00	0.4	04	40.00
D	`21 <i>^</i>	380.59	02	2.00	01	01	10.33
Wate	er	• I evel of the	Ground water	er table: 20	0 m		
						l tanks	
'H)						,	
			_	а.			
		• •			06 nos of ne	rcolating	wells depth will kept 5
			· ·		оссс. с. рс		mono, dopan min nopro
		•			de-silting cha	mber wil	I be provided to de-silt
					•		
			J	Ū			
	a	• Tree covere	d area (m²) :	545.0			
ils		• Area covere	d by shrubs	and bushes	(m ²):		
		• Lawn covere	ed area (m²):	692.0			
		• Total Green	Area (m ²): 1	237			
	• Green Area % of plot area: 10.00 %						
		• No. of trees	and species	to be plante	d:90 trees of	Gulmoh	ar, Neem tree, Coconut
		palm, Asopa	ılav, Champa	a etc.			
getary		Capital cost o	f Rs. 89.95 la	acs and recu	ırring cost of	Rs. 4.45	lacs has been allocated
		towards purp	oses like rai	n water har	vesting & gr	ound wa	ter recharge, greenbelt
		· · · · · · · · · · · · · · · · · · ·		t monitoring	& manageme	ent, wast	e management, sewage
-	CIIL	treatment & re	euse etc.				
	s)						
	and Lay sures ils on dg. Jo. Water esting and lay sures ils on lay sures i	and Life ty sures Is on staircas Idg. Floor N A,E 21 A, C, G(H.P D 21 Water esting H) n area Is	Maximum de Source: D.G. Energy savin landscape light etc. DG Sets No. and cap Fuel & its que (Note: Interce provide power larm system for each build 1620 L/min. & at terrace leve liss on staircase level liss on staircase liss on staircase level list liss on staircase level list list list list list list list lis	Maximum demand: 3000 Source: D.G.V.C.L Energy saving measures landscape lighting, reflect light etc. DG Sets No. and capacity of the Energy saving measures landscape lighting, reflect light etc. DG Sets No. and capacity of the Energy saving measures landscape lighting, reflect light etc. DG Sets No. and capacity of the Energy saving measures landscape lighting, reflect light etc. DG Sets No. and capacity of the Energy saving measures landscape lighting, reflect light etc. (Note: Interconnection of provide power supply during the site of particular system, undergrour for each building, provisic 1620 L/min. & one electric at terrace level etc. Ils on staircase In a staircase Defens No. of Area Staircas (m²) Staircas (m²) Staircas (m²) Level of the Ground water stain light etc. No. & dimensions of RW Size of Bore: 350 mm dia No. and depth of percolar mabove ground water to Details on Pre-treatment and remove floating mater and remove floating material	Maximum demand: 3000 KVA Source: D.G.V.C.L Energy saving measures: Use of LEI landscape lighting, reflective/ white ti light etc. DG Sets No. and capacity of the DG sets: 2 x Fuel & its quantity: Low Sulphur High (Note: Interconnection of power supp provide power supply during any eme and Life Sures Fire extinguishers, hose reel, wet ris (basement), manually operated elect alarm system, underground fire water for each building, provision of pump: 1620 L/min. & one electric pump of ca at terrace level etc. Is on staircase dg. lo. Floor No. Floor No. of Area Staircas Staircase (m²) e (m) A.E G(H.P)+ 21 548.09 02 2.00 Water esting H) Level of the Ground water table: 20. No. & dimensions of RWH tank(s): C No. & dimensions of RWH tank(s): C No. and depth of percolations wells: m above ground water table. Details on Pre-treatment facilities: A and remove floating material through n area Tree covered area (m²): 545.0 Area covered by shrubs and bushes Lawn covered area (m²): 1237 Green Area % of plot area: 10.00 % No. of trees and species to be plante palm, Asopalav, Champa etc. Capital cost of Rs. 89.95 lacs and recu towards purposes like rain water har development, environment monitoring treatment & reuse etc.	Maximum demand: 3000 KVA Source: D.G.V.C.L • Energy saving measures: Use of LED lights for co landscape lighting, reflective/ white tiles on terrace light etc. • DG Sets No. and capacity of the DG sets: 2 x 125 KVA Fuel & its quantity: Low Sulphur High speed Diese (Note: Interconnection of power supply between e provide power supply during any emergency) and Life (Y) Sures And Life (Y) Sures Fire extinguishers, hose reel, wet riser, yard hydr (basement), manually operated electric fire alarm alarm system, underground fire water storage tank for each building, provision of pump: one electric 1620 L/min. & one electric pump of capacity 180 L/ at terrace level etc. Is on staircase dg. (m²) Is on staircase	Maximum demand: 3000 KVA Source: D.G.V.C.L • Energy saving measures: Use of LED lights for common at landscape lighting, reflective/ white tiles on terrace floor, m light etc. • DG Sets No. and capacity of the DG sets: 2 x 125 KVA Fuel & its quantity: Low Sulphur High speed Diesel (HSD) (Note: Interconnection of power supply between each D. G provide power supply during any emergency) and Life Fire extinguishers, hose reel, wet riser, yard hydrant, aute (basement), manually operated electric fire alarm system alarm system, underground fire water storage tank (100 KL for each building, provision of pump: one electric & one of 1620 L/min. & one electric pump of capacity 180 L/min. hav at terrace level etc. Is on staircase dg. Floor No. Floor No. of Staircase (m²) Passenger Fire Lift (m²) a.E 2(H.P)+ 548.09 02 2.00 01 01 Water esting Hold to the Ground water table: 20.0 m • No. & dimensions of RWH tank(s): 06 no. of RWH tanks; • size: 4 m x 3 m x 3 m • Size of bipe: 150 mm dia. • No. and depth of percolations wells: 06 nos. of percolating m above ground water table. • Details on Pre-treatment facilities: A de-silting chamber will and remove floating material through bar screen • Tree covered area (m²): 545.0 • Area covered by shrubs and bushes (m²): Lawn covered area (m²): 1237 • Green Area % of plot area: 10.00 % • No. of trees and species to be planted:90 trees of Gulmohapalm, Asopalav, Champa etc. Capital cost of Rs. 89.95 lacs and recurring cost of Rs. 4.45 towards purposes like rain water harvesting & ground water teament agement treatment & reuse etc.

24.	Proposed dust control measures.	Water sprinkling, covered shed for cement unloading activity, tarpaulin cover on excavated earth & construction material etc.
25.	Use of Eco – friendly building materials.	Use of fly ash bricks & aerated blocks for water partition, paving blocks for parking areas & walk ways, Portland Pozzolona Cement for RCC structure, plaster & flooring etc.
26.	Details on amenities to be provided to construction workers.	Drinking water & tap water, sanitation facilities, domestic waste water collection facility, lunch space, first aid box, free medicines, doctor service, PPEs etc.

A copy of permission obtained from Airports Authority of India for building height of 80.0 m above the ground level has been submitted by them. After detailed discussion it was decided to consider the project only after submission of the following:

- 1. Land possession documents showing ownership of the land by project proponent /applicant.
- 2. Copy of opinion/NOC obtained from Fire Department of SMC. Details on refuge area provision as per the requirement of NBC / GDCR.
- Details with back up calculation showing that how much of the total energy requirement for the proposed high rise buildings of the project will be compensated by the proposed energy conservation measures & solar energy utilization.

18.	Om Avenue	Revised survey no. 15/1/1, O.P.No.9,	Screening & scoping /
		F.P. No.9/1, D.T.P.S.No.3, Sanand,	appraisal.
		Ahmedabad.	

Sr. No.	Particulars	Details			
1.	Proposal is for	New Project [SIA/GJ/NCP/33688/2015]			
2.	Type of Project	2 BHK Affordable Residential Flats & Shops			
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)			
4.	Name of the Project	Om Avenue			
5.	Name of Project Proponent	M/s. Prashanti Nilayam Developers			
6.	Estimated Project Cost (Rs. In Crores)	27 Crore			
7.	Whether construction work has been initiated at site? If yes, details thereof	No construction work has been initiated at site.			

8.	Project Details	• Land / Plot Area (m	²)· 6 617 0					
	1 Tojoot Botallo	• FSI area (m²): 14,888.12						
		• Total BUA (m²): 25,						
				Permissible	-1			
		FSI Area (m ²)	2)	14,888.25	14,888.12			
		Ground Coverage (I	<u> </u>		2,553.22			
		Common Plot Area	\ /	529.36	535.44			
	5 " " 5 . "	Max. Building Heigh	•	45	24.85			
9.	Building Details	No. of Buildings :- 4	ļ					
		No. of Blocks :- 9						
				• •	s) – Ground floor (parking &			
		shops) + 7 floors. 2	• .		linth +7 floors			
		No. & size of Residential Units: 244 Flats						
		No. & Type of Commercial Units:- 20 Shops						
		 Details of Amenities 	s if any:- None					
10.	No. of expected residents / users	Fixed population con	•	•				
		Floating population c		project: 972 i	Persons/day			
11.	Water & waste water details	 Water requirement (KL/day):- 13 Source of water:- Local water tanker suppliers 						
	during construction							
	phase	• waste water generation quantity (KD/day) 2.5						
		Mode of disposal:-	•	•				
		Details of reuse of v	water, if any:- No	ne				
12.	Water & waste	Fresh water require	ement (KL/dav):-	190.0				
	water details	Source of water:- AUDA/ Sanand Nagarpalika water supply						
	during operation	Waste water generation		• .				
	phase		. , ,	• ,	ged through AUDA/ Sanand			
		Nagarpalika draina			gen an engarate contains			
13.	Status of water		<u> </u>					
	supply and							
	drainage line							
14.	Solid Waste	Construction Phase:						
	Management	Construction i nace.						
			Generation	Quantity to	Mode of Disposal/Reuse			
			2 - 2 2	be reused				
		Top Soil	3,500 m ³	3,500 m ³	Development of			
					greenbelt & levelling of low lying areas			
		Other Excavated	14,000 m ³	14,000 m ³	Levelling of low lying			
		Earth	. 1,000	,000	areas and development			
					of green belt area at			
			2	2 2 2	proposed site itself.			
		Construction	385 m ³	385 m ³	Levelling roads,			
		Debris			pavements, plot filling, plinth filling etc.			
		Steel Scrap	3 MT		To be sold to scarp dealer.			
		Discarded packing	1,20,000 Bags		To be sold to authorized			
		Materials/ Bags	.,20,000 Bago		vendor.			

		Operation Phase:				
		Type of waste	Generation Quantity (kg/day)	Mode of waste collection	Mode of Disposal / Reuse	
		Dry waste Wet waste	625 kg/day	33 Nos. of bins of 80 litre capacity will be provided for collection of waste.	Will be regularly collected by AUDA/Sanand Nagarpalika for disposal	
		Nos. – each of 80 I	of community bir itre capacity	ns to be placed within p	remises: Total 33	
15.	Parking Details	 Landfill site where waste will be ultimately disposed by local authority: Total parking area requirement for the project as per GDCR: 1,846.67 m² Parking area requirement for residential units as per GDCR: 1,578.75 m² Parking area requirement for commercial units as per GDCR: 267.92 m² Total number of CPS requirement for the project as per NBC: 143 CPS Number of CPS requirement for residential units as per NBC: 122 CPS Number of CPS requirement for commercial units as per NBC: 21 CPS Total parking area provided (m²) & No. of ECS: 7,002.12 m² & 286 CPS Parking area provided in basement (m²) & No. of ECS: 4,580.8 m² & 143 CPS (including CPS provided through Mechanical Parking) Parking area provided in hollow plinth (m²) & No. of ECS: 1,686.5 m² & 60 CPS Parking area provided as open surface (m²) & No. of ECS: 467.82 m² & 21 CPS Parking area provided (at any other place-specify) (m²) & No. of ECS: 267 m² (50 % of total common plot area) & 12 CPS Parking area provided as mechanical parking in basement (m2) & no. of CPS: 				
16.	Traffic Management	 1,600 m² & 50 CPS. Width of adjacent public roads: 24 m & 18 m wide T.P.S.roads Number of Entry & Exit provided on approach road/s: Three gates will be provided including one gate for entry into the basement. Width of Entry & Exit provided on approach road/s: 4 m (basement entry), 6 m & 7.5 m Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): At least 3 m Width of all internal roads: 7.5 m & 6 m. 				
17.	Details of Green Building measures proposed.	pavements/walkways processed engineer areas, maximum us amount of fly ash, r with provision for pe frame & marble d recharging the grou	s, most of the oring wood instead to be of Portland Painwater harvest ercolation wells, oor frame instead	crete (RMC), fly ash carpentry structures will dof wood, solar lights rozzolona Cement (PPC ing by recharging the great of wood, Rainwate with provision for 2 in the building envelope	be made up of in common sunlit () containing high round water table aluminium window er harvesting by percolation wells,	

		abasystian and asses	absorption and associated cooling requirements etc.				
		·	ciated cooling requ	uirements et	C.		
18.	Energy Requirement, Source and Conservation	Power supply: Maximum demand: During Construction During Operation: 1 Source: M/s. Uttar (Energy saving by N sunlit areas Energy saving me maximum use of L motors to optimize oriented so as to ha building material h higher R-value to l light and silent co reduced and associ	n: 50 kW I.6 MW Gujarat Vij Compa Non-conventional easures: Use of ED lights in each power consumption ave maximum nate having lower U-vention have optimum er lours in the build iated cooling requi	any Ltd. (UG Methods: Us solar lightin block, use on, the indiv tural daylight alue and th nergy perfori ding envelor	VCL) se of solar lighting in common of variable free idual building black as well as ventue insulating mance, maximize so that UV	sunlit areas, quency drives ock has been tilation, use of aterial having ze the use of	
19.	Fire and Life	. Negreet fire station	io Dodoladov fino	atation onnu	ov (45 km) Tim	a required for	
19.	Safety Measures	 Nearest fire station the fire tender to rea 			,	e requirea for	
	During the construction phase: Fire extinguishers in conprotective equipments like earplugs, dust masks, safety gloves, etc will be provided to all workers, all workers welding shields and follow safer practice, provision or related training to the construction workers, maintaining machines, chains, ropes, and other lifting tackles in good scaffolds & ladders made of mild steel, completely con all electrical fittings / equipments used will meet the relevance.				safety shoes, by orkers will be to vision of first a national first a sin good condition concealed of the safety concealed of	nelmets, hand rained to use id facilities & and lifts, lifting on, "H" frame copper wiring,	
	 During the operation phase: Fire extinguishers of CO2 type (4.5 kg) and I type (5 kg) will be provided on each floor, hose reels, down comers, hydrants, manually operated electric fire alarm system, automatic deternant alarm system, underground water tank of 150 KL capacity, terrace we tank of 25 KL, two electric and one diesel pump of capacity 2,850 litre minute and one electric pump of capacity 180 litre per minute will be provided. 				comers, yard atic detection terrace water 2,850 litre per		
20.	Details on stairca	ase					
	Type & No. of Buildings	No. of Floors	Floor Area	No. of Staircase	Width of the Staircase	Travel Distance	
	A + B	S.P. / H. P. + 7 Floors	402.35 m ²	2	1.52 m	13 m	
	C + D	S.P. / H. P. + 7 Floors	400.04 m ²	2	1.52 m	11.5 m	
	E+F+G	H. P. +7 Floors	555.47 m ²	3	1.52 m	16 m	
	H+I	H. P. +7 Floors	402.35 m ²	2	1.52 m	13 m	

		T		
21.	Rain Water Harvesting (RWH)	 No. and depth of percolations wells: 2 Nos., 40 m depth Details on Pre-treatment facilities: Before recharging rain water, suitable arrangements of filtering (preferably sand filtration media) will be provided. Gratings at mouth of each drainpipe will be provided on terraces to trap leaves, debris and floating materials. Filter media will be cleaned before every monsoon season. First rain separator will be provided to flush off first rains. During rainy season, the whole system (roof catchment, pipes, screens, first flush, and filters) will be checked before and after each rain and preferably cleaned after every dry period exceeding a month. 		
22.	Green area details	 Tree covered area (m²): 520.0 Area covered by shrubs and bushes (m²): Lawn covered area (m²): 268.0 Total Green Area (m²): 788 Green Area % of plot area: 12.5 % No. of trees and species to be planted: 90 trees of Asopalav, Gulmohar, Jamun, Badam etc. will be preferred. 		
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Budgetary allocation of Rs. 5 lacs & Rs. 8 lacs has been proposed for Environmental Management Plan during the construction phase & operation phase respectively.		
24.	Dust control measures	Temporary windshield barriers, regular water sprinkling, tarpaulin sheet cover on the material during the transportation, maximum use of Ready Mix Concrete (RMC), uniform piling of sand and proper storage to avoid dusting.		
25.	Eco friendly building materials	Maximum use of Ready Mix Concrete (RMC), fly ash paver blocks for pavements/walkways, most of the carpentry structures will be made up of processed engineering wood instead of wood, maximum use of Portland Pozzolona Cement (PPC) containing high amount of fly ash.		
26.	Facilities to be provided to the construction workers	Sanitation facilities, drinking water, municipal solid waste collection facility etc.		
27.	Documents related to land possession.	Village form no. 6 (hak patrak) as on 06/11/2015 shows that the N.A land has been purchased by M/s Prashanti Nilayam Developers thorough its partner Mr. Omprakash Mohanlal i.e the applicant. N.A permission for residential & commercial use has been obtained on 26/06/2013.		

During the meeting, after detailed discussion, it was decided to consider the project only after submission of the following:

1. Exact source of water supply during the operation phase of the project. Status of water supply network, drainage network and municipal solid waste collection facility in the area. Copy of permission /letter of intent obtained from concerned competent authority for availability of water supply, drainage connection & municipal solid waste collection facility to the project.

19.	Cliantha Research	Survey Number 366/1, F.P. No 28/1,	Screening & scoping.
	Limited	T.P No: 86, Sarkhej, Ahmedabad	

Sr. No.	Particulars	Details	Details				
1.	Proposal is for	New Project [SIA/GJ/NCP/373	36/2015]				
2.	Type of Project	Commercial Project	•				
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)					
4.	Name of the project	Commercial Project					
5.	Name of Developer	Cliantha Research Limited					
6.	Estimated Project Cost (Rs. In Crores)	50 Crores					
7.	Whether construction work has been initiated at site? If yes, details thereof	No					
8.	Project Details	 Land / Plot Area (m²): 4,510. FSI area (m²): 15,011.72 Total BUA (m²):24,725.92 		Drongood			
		501.4 (2)	Permissible	Proposed			
		FSI Area (m ²)	16,239.52	15,011.72			
		Ground Coverage (m²)	NA 454.40	2,162.61			
		Common Plot Area(m²) Max. building height(m)	451.10 NA	451.10 45			
9.	Building Details	No. of Buildings:1 No. of Blocks:1 Scope of buildings/blocks: 2 level basement + ground floor + 8 floors. No.& size of Residential Units: NA No. & type of Commercial Units: 300 Beds Details of amenities if any: No					
10.	No. of expected residents / users	1508 occupants and 50 visitor	S				
11.	Water & waste water details during construction phase	 Water requirement (KL/day): 21.75 Source of water: Tankers Waste water generation quantity (KL/day): 5.73 Mode of disposal: septic tank Details of reuse of water, if any: No 					
12.	Water & waste water details during operation phase	 Total water requirement (KL/ Fresh water requirement (KL/ Source of water: water supplement (Waste water generation quale) Mode of disposal: Sewage to onsite STP and treated sewardlushing and HVAC cooling pages 	day): 282.88 /day):171.36 y from AMC ntity (KL/day):112.2 b be generated will be age will be complete	ly used for gardening,			

				'	71 / 1		
			•	acity of STP:125 K	(L/day		
		STP Technolo		ı: .: O l :	- · · · · · · · · · · · · · · · · · · ·		
		Purposes for treated water utilization: Gardening, Flushing and cooling water make up					
		water make up					
		Quantity of treated water to be reused:1.Gardening (KL/day): 2.02					
					ng (KL/day):3.5		
		, ,			g (KL/day):106.0		
		 Provision of dual plumbing system (Yes/No): Yes Quantity and type (treated/untreated)of water to be discharged: Treated 					
					be discharged: I reated		
		•	completely reu	sea.			
	01-1	Mode of dispo		_			
3.	Status of water	Available at 0.6	km from the site	9			
	supply and						
ļ.	drainage line	Construction Ph					
١.	Solid waste	Construction Pri		Ougatity to be	Made of Dianagel / Daylog		
	Management		Generation	Quantity to be	Mode of Disposal / Reuse		
		Top Soil	(m³)	reused (m ³) 1950	Development of		
		Top Soil	1950	1950	Development of		
		Other	27050	17,550 m ³ will	landscape area		
		excavated	37050	be used for	Balance earth will be		
		earth		back filling	used at other projects as		
		earin		and raising	per requirement.		
				plinth level.			
		Construction	200	90 m ³ will be	Balance debris will be		
		debris	200	used for	handed over to local		
		debils		development	authority or fill in low		
				of internal	laying area		
				road	laying area		
		Steel scrap	10	0	Sold to vendors		
		Discarded	18	0	Sold to vendors		
		packing	10	0	Sold to veridors		
		materials					
		materiais	_1				
		Operation Phas	₽.				
		Operation Phas		Mode of	Mode of Disposal / Reuse		
		Operation Phas Type of waste	Generation	Mode of waste	Mode of Disposal / Reuse		
			Generation Quantity	waste	Mode of Disposal / Reuse		
		Type of waste	Generation Quantity (Kg/day)	waste collection	·		
		Type of waste Dry waste	Generation Quantity (Kg/day) 178.96	waste collection White bins	Sold to vendors		
		Type of waste Dry waste Wet waste	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins	Sold to vendors Municipal bins		
		Type of waste Dry waste Wet waste STP Sludge	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins	Sold to vendors Municipal bins soil conditioner.		
		Dry waste Wet waste STP Sludge Biomedical	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins Different	Sold to vendors Municipal bins		
		Type of waste Dry waste Wet waste STP Sludge	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins Different colour coded	Sold to vendors Municipal bins soil conditioner.		
		Dry waste Wet waste STP Sludge Biomedical	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins Different colour coded containers/ba	Sold to vendors Municipal bins soil conditioner.		
		Dry waste Wet waste STP Sludge Biomedical	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the	Sold to vendors Municipal bins soil conditioner.		
		Dry waste Wet waste STP Sludge Biomedical	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the Biomedical	Sold to vendors Municipal bins soil conditioner.		
		Dry waste Wet waste STP Sludge Biomedical	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the Biomedical Waste	Sold to vendors Municipal bins soil conditioner.		
		Dry waste Wet waste STP Sludge Biomedical	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the Biomedical Waste (Management	Sold to vendors Municipal bins soil conditioner.		
		Dry waste Wet waste STP Sludge Biomedical	Generation Quantity (Kg/day) 178.96 268.44	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the Biomedical Waste (Management & Handling)	Sold to vendors Municipal bins soil conditioner.		
		Type of waste Dry waste Wet waste STP Sludge Biomedical waste	Generation Quantity (Kg/day) 178.96 268.44 10	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the Biomedical Waste (Management & Handling) Rules 1998.	Sold to vendors Municipal bins soil conditioner.		
		Type of waste Dry waste Wet waste STP Sludge Biomedical waste • Details of segr	Generation Quantity (Kg/day) 178.96 268.44 10 150	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the Biomedical Waste (Management & Handling) Rules 1998. done: yes	Sold to vendors Municipal bins soil conditioner. (CBWTF) for its disposal.		
		Dry waste Wet waste STP Sludge Biomedical waste • Details of segre • Capacity and residual	Generation Quantity (Kg/day) 178.96 268.44 10 150 regation if to be	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the Biomedical Waste (Management & Handling) Rules 1998. done: yes y bins to be place	Sold to vendors Municipal bins soil conditioner. (CBWTF) for its disposal.		
		Dry waste Wet waste STP Sludge Biomedical waste • Details of segre • Capacity and residual	Generation Quantity (Kg/day) 178.96 268.44 10 150 regation if to be	waste collection White bins Green Bins Green Bins Different colour coded containers/ba gs as per the Biomedical Waste (Management & Handling) Rules 1998. done: yes	Sold to vendors Municipal bins soil conditioner. (CBWTF) for its disposal.		

		nearest MSW collection point of AMC.
15.	Parking Details	 Total parking area requirement for the project as per GDCR: 7,505.86 m² Parking area requirement for Commercial units as per GDCR: 7,505.86 m² Total number of CPS requirement for the project as per NBC :396 Number of CPS requirement for commercial units as per NBC:245 Number of CPS requirement as per NBC for 300 Beds : 150 Total Parking area provided (m²) & No. of CPS: 12,748.74 & 403 CPS Parking area provided in basement (m²) & No. of CPS: 6,109.87 & 190 CPS Parking area provided as open surface (m²) & No. of CPS:529 &23 CPS Parking area provided (at any other place-specify) (m²) & No. of CPS: Mechanical 6,109.87 &190 CPS.
16.	Traffic Management	 Width of adjacent public roads: 30 m wide road Number of Entry & Exit provided on approach road/s: Two gates will be provided. Width of Entry & Exit provided on approach road/s: 6 m. Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 5.0 m Width of all internal roads: minimum 6 m
17.	Details of Green Building measures proposed.	Maximum use of natural lighting through architectural design, energy efficient motors & pumps, water efficient taps, maximum use of RMC & aerated blocks, use of LED lighting fixtures and low voltage lighting, solar lighting in open and landscape areas- 10 numbers of solar lighting, roof-top thermal insulation, water meters, rain water harvesting & ground water recharge through 2 nos. of percolating wells, provision of onsite STP & reuse of treated sewage etc.
18.	Energy Requirement, Source and Conservation	 Power supply: Maximum demand: 1334.05 KVA Connected load: 2828.5 KVA Source: Torrent Power Limited. % of saving with calculations: ~40% by use of LED lights & solar street lights and star rated energy efficient electronic consumer durables Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular form: only roof area DG Sets: No. and capacity of the DG sets: 2 x 1010 KVA Fuel & its quantity: HSD, 450 litre/hr
19.	Fire and Life Safety Measures	 During Construction Phase: Provision of Personal Protective Equipment's (PPEs) to the construction workers and its usage shall be ensured and supervised, training to all workers on construction safety aspects, first aid room with first aid kit, doctor & ambulance service. During operation phase (Commercial): Fire extinguishers, hose reel, manually operated electric fire alarm system, wet riser, automatic sprinkler system, underground static water storage tank-200 KL capacity, terrace tank-40 KL capacity (total capacity), pump near underground static water storage tank (fire pump) with minimum Pressure of 3.5 kg/cm2 at terrace level, one electric and one diesel pump of capacity 2 280 lit/min and one electric pump of capacity 180 lit/min.

20.	Details on stairca	se				
	Type & n of building		Floor area m ²	No. of staircase	Width of the staircase (m)	Travel distance (m)
	One	G + 8	2050.39	3	2.1	28
21.	 Rain Water Harvesting (RWH) Level of the Ground water table: 19 m No. & dimensions of RWH tank(s): 2 No and 2.5m X 2.0 m X 3 No. and depth of percolations wells: 2 no and 16 m Details on Pre-treatment facilities: oil and grease removal and 					
22.	Green area details	· · · · · · · · · · · · · · · · · · ·				
23.	Dust control measures	Spraying of water, Peripheral barricading, covered shed for cement loading area, covering the excavated earth with tarpaulin sheet etc.				
24.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Allocation of Rs. 39 lacs & Rs.10 lacs as capital cost & recurring cost respectively has been made for EMP & EMS.				
25.	Details of ecofriendly building materials	Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC, lead free paints etc.				num use of RMC,
26.	Details of amenities to be provided to construction workers.	Sanitation facilities, maintaining hygienic condition at the project site to avoid health problems, safe drinking water, PPEs, first aid room with first aid kit & welfare facilities as per the Gujarat Building & Other Construction Workers Rules.				vith first aid kit &
27.	Documents related to land possession		ercial use has		mitted by them ed by M/s Cliant	shows that the N.A ha Research

List & quantity of 42 chemicals, related to clinical research, to be stored within premises has been presented, which shows that only 3 of them have threshold storage quantities as per MSIHC Rules 1989. These three chemicals are Ammonia solution (to be stored 6 litres against the threshold quantity of 50 T), Trifluoro Acetic acid LR (to be stored 0.2 litres against the threshold quantity of 1 kg) and Sodium Chloride (to be stored 2 kg against the threshold quantity of 25 T). After detailed discussion, it was decided to appraise the project further only after submission of the following:

- 1. Project plans showing the built up area, FSI area, Floor area & plot area statement of the project.
- 2. Copy of necessary permission obtained from concerned competent authority for setting up of the proposed clinical research project.
- 3. Details on the type of activities to be carried out in the proposed commercial building.

- 4. Complete storage details of the chemicals including the storage area, MOC of storage containers, hazards associated & mitigation measures etc.
- 5. Details on the treatment scheme proposed considering the quality of sewage / waste water to be generated from the proposed clinical research activities.
- 6. Status of availability of water supply, drainage connection and municipal solid waste collection facility in the area along with the supporting documents.
- 7. Details on provision to be made for ventilation, natural lighting and CO sensors in basement.
- 8. Details of mechanical parking to be provided (also including the details like its operation, maintenance, energy consumption, appointing trained personnel's etc.) in the basement along with the feasibility of providing mechanical parking considering the basement height.
- 9. Copy of opinion / NOC obtained from Fire & Emergency Department of AMC and plans showing installation of automatic sprinklers.

	-		
20.	Sapphire Court	R. S. No. 136, 143, F.P.No. 15, 16, T.P.	Screening & scoping.
		Scheme No. 5, Vesu-Bhimrad, Surat	

The SEIAA, Gujarat has accorded environmental clearance to M/s Rameshwaram Developers for the building construction project at R. S. No. 136, 143, F.P.No. 15, 16, T.P. Scheme No. 5, Vesu-Bhimrad, Surat vide order no. SEIAA/GUJ/EC/ 8(a)/94/2012 dated 22/03/2012 for the built up area of 39,930.23 m2 comprising of 5 building blocks (A to E) housing total 88 flats.

The project proponent vide their proposal no. SIA/GJ/NCP/37299/2015 dated 06/01/2016 for amendment of Environmental Clearance order dated 22/03/2012 for the proposed changes in the project.

It was presented that they want change the planning & scope of the project from completely residential to mixed type project comprising of residential as well as commercial units. The project will be comprising of 3 buildings (1 commercial building & 2 residential buildings) housing total 44 residential units, 779 nos. of shops & offices and a hotel with 79 rooms.

The request for change in scope & planning of the proejct was considered during the meeting.

Details of the project after the proposed changes in planning & scope as presented before the committee is tabulated below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project [SIA/GJ/NCP/37299/2015]
2.	Type of Project	Commercial
3.	Project / Activity No. [8(a) or 8(b)]	8(a)
4.	Name of the project	Sapphire Court
5.	Name of Developer	Mr. Suresh Kotadiya
6.	Estimated Project Cost (Rs. In Crores)	Rs. 160 crores
7.	Whether construction work has been initiated at site? If yes, details thereof	No

8.	Project Details	Land / Plot Area (m²)	15.990.0			
	. reject Betaile	• FSI area (m²): 63,68				
		 Total BUA (m²):1,03, 				
			Permissible	Proposed		
		FSI Area	63,960	63,687.44		
		Ground Coverage	5,754.71	5,754.71		
		Common Plot Area	2,128.22	2,128.22		
	Duilding Dataila	Max. building height		69.57m		
9.	Building Details	No. of Buildings:3 (2		′		
		• No. of Blocks: 3 ((2 r				
				uildings – basement + hollow		
		· •	ommercial building –	- 3 level basement + ground		
		floor + 19 floors.				
				p in the proposed commercial		
		building are as under				
				- restaurant, multiplex, food		
			-	& multiplex. 6 th floor – offices,		
				th floor – hotel rooms, offices,		
			9" floor – hotel room	ns & offices. 10 th to 19 th floor –		
		offices.				
		 No.& size of Residen 	tial Units:44			
		· ·		of shops/offices. Multiplex		
		cinema having 300 s	eats. Restaurant hav	ring seating capacity of 150.		
		Hotel with 79 rooms				
		 Details of amenities i 	f any:			
10.	No. of expected residents / users	4541				
11.	Water & waste	 Water requirement (F 	(L/day): 30.0			
	water details during	Source of water: SM	C water supply.			
	construction phase	 Waste water generat 	ion quantity (KL/day)	: 2.28		
		Mode of disposal: Int	o septic tank & soak	pit.		
12.	Water & waste	Fresh water requirent	nent (KL/day): 300.0			
	water details during	Source of water: SMC water supply & packaged drinking water supplier.				
	operation phase	 Waste water generat 		_		
			. , , ,,	discharged in to SMC		
		drainage line after tre	•			
		In case of STP provis		: - 300 KL/day		
		STP Technology: - F				
		 Purposes for treated 	•			
		0 " ()				
		-		lo): No		
		Provision of dual plui	• •	•		
		' ' ' '	•	ater to be discharged:		
		235 KL/day of treated	•			
		Mode of disposal: SN				
13.	Status of water	Both drainage and water	er supply lines exist a	t site.		
	supply and					
14.	drainage line Solid waste	Construction Phase:				
14.	Juliu Wasie	Construction Mase.				

	Management							
			Generatio n (m³)	Quar to be reuse (m³)	,	Mode of	f Disposal / Reuse	
		Top Soil	5,036.62	960		soil wil greenbe remainii	of excavated top of the street	
		Other excavated earth	77,502.76	2,83	2.92	2,832.93 soil will back f Excess at other obtainin	2 m ³ of excavated I be utilized for illing within site. soil will be utilized r project site after	
		Constructio n debris Steel scrap	15kg/day 15kg/day	Nil			to recyclers/	
		Discarded packing materials	6kg/day	•				
		Operation Pha	ase.					
		Type of waste	Generation Quantity (Kg/day)	on	Mode waste collec		Mode of Disposal / Reuse	
		Dry waste Wet waste	600 kg/da 419 kg/da	_		eparate o be led	Final disposal at Khajod Disposal Site	
			0 0				bins for dry and wet	t
		-	ded to each		v bins t	to be plac	ced within premises:	2 nos
		of bins havi	ng capacity	of 300	kg eacl	h for dry	waste and 2 nos of 2	
						_	j. posed by local autho	ority:
15.	Parking Details	m ²					as per GDCR: 27,42 as per GDCR: 1,89°	
		m².	a requireme				s as per GDCR:	
		Total numb	er of CPS re	•			ect as per NBC :794 its as per NBC: 44	
			•				inits as per NBC:750	
		Total Parkir	ig area prov	iuea (r	II) & N	io. of CPS	S: 30,587.19 m² and	2 1005

		000
		 CPS. Parking area provided in basement (m²) & No. of CPS: 24,773.49 m² and 775 CPS.
		Parking area provided in hollow plinth (m²) & No. of CPS: 3,040.62 m² and 109 CPS.
		Parking area provided as open surface (m²) & No. of CPS: 2,773.06 m² and 121 CPS.
16.	Traffic	Width of adjacent public roads:45 m wide TP road.
	Management	Number of Entry & Exit provided on approach road/s: Two gates will be provided.
		 Width of Entry & Exit provided on approach road/s:7.5 m & 4.5 m. Minimum width of open path all around the buildings for easy access of fire tender (excluding the width forthe plantation):7.5 m
		Width of all internal roads: 7.5 m & 4.5 m.
17.	Details of Green Building measures proposed.	Provision to install aerated coke (foam type) in wash basins, kitchen, low flush water closets in toilet and pressure reducing valves in water pipeline, rain water harvesting & ground water recharge, maximum utilization of natural light, roof-top thermal insulation, CFL lighting fixtures in the common areas, appropriate design to shut out excess heat and gain loss, use of solar energy in external lighting (landscape lighting), use of aerated
10	-	blocks etc.
18.	Energy Requirement, Source and Conservation	Power supply: Maximum demand:4900 KW Connected load:5050 KW Source: DGVCL • Energy saving measures: Maximum utilization of natural light, roof-top
		thermal insulation, CFL lighting fixtures in the common areas, appropriate design to shut out excess heat and gain loss, use of solar energy in external lighting (landscape lighting), use of aerated blocks etc.
		DG Sets:
		No. and capacity of the DG sets:5 x 132 KVA
		Fuel & its quantity: diesel (10 Liter/h)
		Note : - D.G. Sets will be used incase of power failure or fire emergency
19.	Fire and Life Safety Measures	During the construction phase: Fire extinguishers at various locations and easily accessible, to keep printed board showing important telephone number of fire, ambulance, hospital etc. training to the workers on safety aspects, first aid box at identified places within premises, doctor & ambulance services, provision of PPE'S like helmet, gumboot/safety shoes, safety net, safety goggles etc.
		During the operation phase: Fire extinguishers (portable & mobile) at each floor, hose reel, wet riser opening at each floor, manually operated electric fire alarm system, terrace water storage tank of 15 KL, underground fire water storage tank of 300 KL capacity, smoke detectors etc.
		Nearest fire station: Bhatar fire station.

20.	Details on staird	ase					
	Type & no. of	No. of	Floor	No. of	Width of the	Travel	
	buildings	floors	area	staircase	staircase	distance (m)	
	Residential A	11	593.24	2	2.01 m	Less than 30 m	
	Residential B	11	553.56	2	2.01 m	Less than 30 m	
	Commercial	19	3,650.01	6	2.01 m	Less than 30	
21.	Rain Water Harvesting (RWH)	NoNoDe	vel of the Gro . & dimension . and depth of tails on Pre-toposed	ns of RWH to f percolation	ank(s) :- ns wells :4	top rainwater harvesting	g is
22.	Green area deta	 Ard La To Gr	 Tree covered area (m²):1,200 Area covered by shrubs and bushes (m²):4,00 Lawn covered area (m²): 1,000 Total Green Area (m²): 2,600 Green Area % of plot area: 13.75% No. of trees and species to be planted: 300 				
23.	Budgetary allocation for Environmental Management PI (Rs. in lacs)	• Drawan see See • See	Green belt development : 70Lacs				
24.	Proposed dust control measure during the construction pha	ceme	Loading & transportation in covered trucks, covered shed provided for cement unloading activity, temporarily wind screen around project site, sprinkling of water on roads and in vicinity of storage area.				
25.			Fly ash brick, aerated blocks, paving blocks, RMC, lead free paints etc.				
26.	Amenities to be provided to construction workers.		ing water & ta cines, doctor	•		s, first aid box, free	
27.	Documents rela to land possess	. ~	/illage form no. 7 & 12 shows that the N.A land for residential use is in the name of M/s Rameshwaram Developers, a partnership firm.				

They have submitted floor wise plans of the commercial building, which shows that 5 staircases will be provided up to 4th floor and 4 nos. of staircases of 2.01 m width will be provided up to 19th floor. Travel distance between the two consecutive staircases and the travel distance of the nearest staircase from the farthest corner of the floor will not be more than 21 m in any case. During the meeting, the project proponent was suggested to reuse the treated sewage for purposes like flushing, gardening etc. within premises. After detailed discussion, it was decided to further appraise the project only after submission of the following:

- 1. Justification for the proposed changes with supporting documents.
- 2. Copy of permission from Urban Development & Urban Housing Department, Gandhinagar for the proposed FSI of 3.9.

- 3. Details on the basis taken for calculation of parking area requirement for proposed shops & offices. Revised parking area details considering the type & capacity of commercial units to come up in the project including banquet halls.
- 4. Revised water balance details considering the reuse/ recycle of treated sewage within premises and also considering the water requirement for swimming pools to be provided.
- 5. Details of the Sewage Treatment Plant including its capacity, size of each unit, retention time, other technical parameters etc. along with the budget allocation for its installation, operation & maintenance. Quality of treated sewage and application wise break-up of treated sewage quantity to be recycled / reused in flushing, green belt development etc., its location on the layout plan, STP sludge management plan etc.
- 6. Calculation and provision of minimum fire water requirement based on fire study as well as the availability of external fire fighting facility. Plans showing location of automatic sprinklers to be provided in the buildings. Details on provision of refuge area/ skip floor as per the requirement of NBC.
- 7. Copy of permission obtained for residential as well as commercial use of the project site.
- 8. Details on provisions to make the project energy efficient and adoption of modes of alternative eco friendly sources of energy, solar street lighting, solar water heaters, solar panels etc. Measures proposed to comply with the ECBC norms / other international norms proposed for energy conservation. Details with back up calculation showing that how much of the total energy requirement of the proposed high rise buildings of the project will be compensated by the proposed energy conservation measures.
- 9. Details on provision to be made for ventilation & natural lighting in basement.
- 10. Explore the possibility of increasing the parking area provision for the project and revised details of the same with back up calculation & parking plans.
- 11.Perspective view of the building(s) to be constructed along with the materials used such as fibers, glass, etc. on the facades or external walls and the impacts thereof on the nearby buildings / residents due to heat island effect and emissions from the air conditioning systems.
- 12. Structural stability certificate for the proposed buildings with reference to the seismic zone of the area, swimming pools & water tanks, height of the buildings etc.

21.	Building	B.No.224, 484, Village: Amadpore, Ta. & Dist:	Screening & scoping /
	construction project	Navsari.	appraisal.
	by Mr. Ajaybhai B.		
	Undhad.		

Details on the proposed project as presented before the committee is tabulated below:

Sr. No.	Particulars	Details
1.	Proposal is for	New project [SIA/GJ/NCP/35101/2015]
2.	Type of Project	Residential Row House Project
3.	Project / Activity No.	Project / Activity No. 8(a)
	[8(a) or 8(b)]	
4.	Name of Project	A Residential Row House Project
5.	Name of Developer	Ajaybhai B. Undhad
6.	Estimated Project	8.54 Crores.
	Cost (Rs. in Crores)	
7.	Whether construction	No
	work initiated at site?	
	If yes, details thereof	

8.	Project Details	• Land / Plot Area (m ²): 2,7	'1 841 0			
٥.	l reject Detaile	• FSI area (m²): 59,117.52	1,011.0			
		• Total BUA (m²): 69,498.4	5 m ²			
		- 10tal 2011 (III): 00, 100: 1	0 111			
			Permissible	Proposed		
		FSI Area (m ²)	2,89,611.44	59,117.52		
		Ground Coverage (m ²)	96,537.14	59,117.52		
		Common Plot Area (m ²)	27,184.10	27,308.6		
		Max. building height (m)		7.20		
9.	Building Details	A Residential Row House	Type Project has 1	491 Row Houses of G +		
		stair cabin.				
		Part 1-559 Row Houses				
		Part 2-932 Row Houses				
10.	No. of expected	7455 person residence				
	residents / users					
11.	Water & waste water	Water requirement (KL/d)	2v/: 25 0			
	details during	Source of water: Bore We	• ,			
	construction phase	Waste water generation of		5.5		
		Mode of disposal: Tempo				
		Details of reuse of water,	• •	Soak pit talik		
12.	Water & waste water					
12.	details during	 Total water requirement (KL/day): 1,012.0 Fresh water requirement (KL/day): 469.0 				
	operation phase	Source of water: Water s	* * * * * * * * * * * * * * * * * * * *	ore Gram Panchayat		
		Waste water generation of the second se		•		
		Mode of disposal: Sewa				
		-	-	If be reused for flushing &		
			-	naining quantity of treated		
		sewage will be reused fo	-			
		• In case of STP provisio	•	•		
		each.				
		STP Technology: Biologi	cal			
		Purposes for treated water	er utilization: garde	ening, flushing & irrigation.		
		Quantity of treated water	to be reused:1.Ga	rdening (KL/day):81.0		
		2. Flushing (KL/day):462	0, 3. Irrigation in th	neir farm (KL/day): 362.0		
		Duranisian of dural minusphin	(\)\\\\\\\\\\\\). V		
		Provision of dual plumbin				
		Quantity and type (treating to be generated)	<u> </u>	_		
			• •	ted into the black & grey the proposed onsite STP.		
				ng & gardening purpose		
				of treated sewage will be		
		-		During monsoon season		
		_		nto the drainage line of		
		Amadpore gram panchay				
		Mode of disposal: As abov				
13.	Status of water	Local village panchayat wi		oply & drainage line.		

4.	Solid waste	Construction Pha			
	Management		Generation (m ³)	Quantity to be reused (m³)	Mode of Disposal / Reuse
		Top Soil		, ,	It will be reused
			0.000.70	0.000.70	in tree & lawn
			6,990.70	6,990.70	development.
		Other	69,907.00	43,007	It will be reused
		excavated			in internal road
		earth			development
				26,900	It will be
					supplied to the
					village
					panchayat for
					making village road.
		Construction	50 m ³	50 m ³	Construction
		debris			debris will be
					reused in footing
					& foundation.
		Steel scrap			Used in column,
			0.5 MT	0.5 MT	footing and
		 			foundation
		Discarded	Cement &		Cement bag
		packing	Plastic		partly reuse in
		materials	Bags		curing purpose &
					partly sale out in
					open market
					while plastic bag sale out to the
					registered
					recycler or
					vendor
			1	L	Vollagi
		Operation Phase Type of waste	Generation	Mode of	Mode of Disposal
		I ypo or wasie	Quantity	waste	/ Reuse
			(Kg/day)	collection	, 113333
		Dry waste &	2,982.0	Into	At the nearby
		Wet waste	,	dustbins to	waste dumping
				be	site of local gram
				provided	panchayat.
				within	
				premises	
		Details of segre	gation if to be	done: No	
			•		ad within promises:
		bins having volu		ly bills to be plac	ed within premises:
				waste disposal :	Gram Panchayat
			-		ately disposed by lo

	15.	Parking Details		Requirement	Provision		
	10.	Tarking Details	As per the NBC	745 ECS	1491 ECS		
			As per the GDCR	6990.70 m ²	34,293.0 m ² as open		
			7 to por the obort	0000.70111	surface parking within		
					premises of individual		
					bungalows & designated		
					open parking areas		
					outside the bungalows .		
	16.	Traffic Management	Width of adjacent / a	approach road: 18 n	n		
			No. of Entry and Exit	t: total 4 gates will b	pe provided.		
			 Width of internal roa 	ids: 6.10 m, 7.5 m, 9	9.15 m & 12.20 m.		
			 Minimum width of or 	oen path all around	the buildings for easy access		
			of fire tender: 3 m to	4.5 m			
			Width of Entry & Exi	t: 12.2 m & 7.5 m.			
	17.	Green building	Autoclave Aerated blo	ocks & RMC will be	used. Aerated water will be		
		features including	provided. Solar based	d street lighting. Var	ious energy conservation		
		measures for conservation of water	measures viz. LED lig	htings fixtures and	low voltage lightings in		
		& energy, use of eco-	common areas, maxii	mum natural ventila	tion & light, energy saving		
		friendly building	• •	•	inverter system through		
		materials, etc.	cross ventilation & bu	ilding orientation et	C.		
	18.	Energy requirement,	 Power supply 				
		source and	Maximum demand	1500 KVA			
		conservation	Source: DGVCL				
					g by using CFL, solar lighting		
			& star rated energy	efficient electronic a			
			DG Set:				
			 No. & capacity of D. 	.G.Sets: 8 x50 KVA			
			Fuel & it quantity: H	SD-400 lit/hour			
	19.	Fire and Life Safety	We will provide require	ed fire safety meas	ures as per statutory		
		Measures	provision.				
	20.	Details on staircase: O	ne staircase will be pro	vided in individual r	aw houses.		
	21.	Rain Water	• Level of the Ground	water table: 30 feet	t in monsoon		
		Harvesting	• 45 feet in summer				
		(RWH)	No. & dimensions of	f RWH tank(s):			
			 No. and depth of pe 	rcolations wells: 69	nos. & 40 m		
			Details on Pre-treati				
	22.	Green area details	• Tree covered area (m ²) : 5,100 m ² on p	eriphery of compound wall		
			Area covered by shi	ubs and bushes (m	²):		
			• Lawn covered area	(m ²): 20,000 m ² (Or	n COP)		
			• Total Green Area (m	n ²): 25,100 m ²			
			• Green Area % of plo				
			<u>-</u>		f local species Neem, Pipal,		
			Vad, Sevan, Kadam				
	23.	Dust control			covered shed for cement		
		measures		•	th with tarpaulin sheet etc.		
	24.	Budgetary allocation			or erection & commissioning		
		for Environmental	of STP, for tree planta	•	9		
		Management Plan			Ŭ		
ш		l .	I.				

	(Rs. in lacs)	
25.	Details of eco-friendly building materials	Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC, lead free paints etc.
26.	Facilities to construction workers	Sanitation & drinking water facilities, welfare facilities as per Gujarat building & other construction workers rules & regulations
27.	Documents related to land possession	N.A order submitted by them shows that the land for residential use is in the name of applicant.

During the meeting, it was presented that they have not started any kind of construction activity at the project site and photographs showing current status of the project site have also been submitted. It was noticed by the committee that a kotar is passing adjacent to the project boundary. It was presented that provision of minimum required margin between the kotar & the building line of the project site has already been made. The project proponent was asked to obtain necessary permission from concerned competent authority in this regard. After detailed discussion, it was decided to recommend the project to SEIAA, Gujarat for grant of Environmental Clearance.

22.	Residential project	Plot No.1, S.No.26/P/5, Village Adhewada,	Screening & scoping /
	by Mr. Kanubhai	Dist: Bhavnagar.	appraisal.
	Nagjibhai Kakadia		

Details on the proposed project as presented before the committee is tabulated below:

Sr. No.	Particulars	Details				
1.	Proposal is for	New Project [SIA/GJ/NCP/33688/2015]				
2.	Type of Project	Residential Project	-			
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)				
4.	Name of the project	Residential scheme developed by Kanubhai N Kakadia				
5.	Name of Developer	Kanubhai N Kakadia				
6.	Estimated Project Cost (Rs. In Crores)	23 crore				
7.	Whether construction work has been initiated at site? If yes, details thereof	No construction work has been started.				
8.	Project Details	 Land / Plot Area (m²): 6,718.30 FSI area (m²):17,959.33 Total BUA (m²):22,647.34 				
			Permissible	Proposed		
		FSI Area (m ²)	17,959.33	17,959.33		
		Ground Coverage (m²)		1,874.87		
		Common Plot Area (m²)	671.83	671.87		
		Max. building height (m)	45 m	39 m		
9.	Building Details	 No. of Buildings:6 No. of Blocks:6 Scope of buildings/blocks: 4 buildings – hollow plinth +elevated ground floor + 11 floors, 2 buildings – hollow plinth + elevated ground floor + 10 				

		flaara				
		floors.				
		No.& size of Residential Units:356 flats				
		No. & type of Commercial Units:				
10.	No. of expected residents / users	Resi1600 users including floating population				
11.	Water & waste	 Water requ 	irement (KL/day	/):25.0		
	water details	Source of v	vater: Water su	oply from Bhavna	gar Area Development	
during construction phase		Authority.				
	construction phase	Waste wate	er generation qu	antity (KL/day):4.	5	
		Mode of dis	sposal: Soak pit			
		Details of relationships	euse of water, if	any:N.A.		
12.	Water & waste		r requirement (I			
	water details		• ,	• /	gar Area Development	
	during operation	Authority.	ratori trator our	pry nom Bharna	gai / ii ca Developiii ciii	
	phase	1	er generation gr	uantity (KL/day):1	73 N	
			-		nagar Area Development	
		Authority.	sposai. Into diai	nage line of briav	nagai Area Development	
13.	Status of water	•	lv& drainage	line will be n	rovided by Bhavnagar Area	
10.	supply and	Developmen		iiic wiii be pi	Tovided by Briavriagal Area	
	drainage line		. ,			
14.	Solid waste	Construction	Phase:			
	Management		Generation	Quantity to	Mode of Disposal / Reuse	
			(m ³)	be reused		
		Ton Coil	500	(m ³)	Top and will be used in	
		Top Soil Other	500	500	Top soil will be used in developing garden area	
		excavated			and excavated earth if any,	
		earth			will be used for land	
					levelling within premises.	
		Constructi	Whatsoever	Whatsoever	Will be used as road sub	
		on debris			base within premises.	
		Steel scrap	Whatsoever	Whatsoever	Will be sold to vendors.	
		Discarded	Whatsoever	Whatsoever	Top soil will be used in	
		packing			developing garden area	
		materials			and excavated earth will be used for land levelling	
					within premises.	
				<u> </u>	within premises.	
		Operation Ph	nase:			
		Type of	Generation	Mode of	Mode of Disposal / Reuse	
		waste	Quantity	waste		
			(Kg/day)	collection		
		Dry waste	427	Into bins to	These bins will be regularly	
				be provided within	emptied by BADA.	
				premises.		
		Wet waste	285	Into bins to	These bins will be regularly	
				be provided	emptied by BADA.	
				within		
				premises.		
		 Details of s 	egregation if to	be done: No.		
		Capacity as	nd no. of comm	unity bins to be pl	aced within premises: Total 45	

	1		hima with 00 li		الممالية المالية			
				•	•	residential block		
			Landfill site where waste will be ultimately disposed by local authority				authority: final	
			disposal at the MSW dumping / collection site of BADA.					
15.	Parking Detai	ls	 Total parking 	area requirem	ent for the projec	t as per GDCR:	3,650.24 m ² .	
			Parking area	requirement fo	r residential units	s as per GDCR: 3	3,650.24 m ² .	
			_	•		oject as per NBC:		
				•	•	nits as per NBC:		
				-		PS: 6,076.29 m ² 8		
			_	•	•			
			• Parking area 63 CPS.	provided in no	iow piinth (m ⁻) &	No. of CPS:1,75	51.90 m ⁻ &	
			• Parking area provided as open surface (m²) & No. of CPS: 4,324.39 m² & 188 CPS.					
16.	6. Traffic • Width of adjacent public roads: 30 m wide road.							
	Management	Management		try & Exit prov	ided on approac	h road/s: Two ga	tes will be	
			provided.					
			·	& Exit provide	ed on approach i	oad/s: 7.30 m		
			1	•	• •	uildings for easy	access of fire	
						•	access of file	
			tender (excluding the width for the plantation): 6 m					
47	Detelle of Ore		Width of all internal roads:7.3 m Fly ash/PPC will be used in concrete, paving blocks and any cement					
17.	Details of Gre					ving blocks and used for painting		
	Building meas proposed.	sures	metal surfaces.	•		useu ioi pairitiri	g wooden and	
18.	Energy				rat Vij Company	l td		
10.	Requirement,					Liu		
	Source and		Maximum der		A			
	Conservation		Connected load:1500 KVA					
			Source: Paschim Gujarat Vij Company Ltd					
			Energy saving measures: Use of energy efficient electrical appliances,					
			maximum use of natural light through proper building orientation etc.					
			• DG Sets:					
			No. and capacity of the DG sets:1 x 150 KVA					
			• Fuel & its quantity:HSD-30 lit/hr					
19.	Fire and Life		·			ater tanks- 100	Kl x 2 nos	
	Safety Measu	res		ring the operation phase: Underground water tanks- 100 KL × 2 nos., race water tank of 20 KL capacity on all the buildings, fire extinguishers,				
			fire alarms, hose reels, external hydrants & wet risers, pumping					
			arrangement system-riser with pressure pump, auto operation with					
			pressure switch, first aid box, displaying of important telephone numbers etc.					
20	Details on eta	iroooo						
20.	Details on staircase: Type of Distance of stair		Number of	Width of Stair	Floor area	\neg		
	Type of Distance of st			Stair case	case (m)	(m ²)		
			est corner (m)	Juli Case	0030 (111)	(''')		
	Block A	10.7		1	1.50 m		\dashv	
	Block B	11.39		1	1.50 m		\dashv	
	Block C	10.52		1	1.50 m		\dashv	
	Block D	11.58		1	1.50 m			
	Block E	19.94		1	1.50 m			
	Block F	16.6		1	1.50 m			
21. Rain Water • Level of the Ground water table:35-40 m BGL								
	Harvesting • No. & dimensions of RWH tank(s):nil							
	(RWH)		- 110. Q UIIIICIIS	iono oi ixvvi i l	1111(S).1111			

		No. and depth of percolations wells:3 nos. of percolating wells,10 m		
		Details on Pre-treatment facilities :		
22. Green area details		• Tree covered area (m ²):170.00		
		 Area covered by shrubs and bushes (m²): 		
	• Lawn covered area (m ²):500.00			
• Total Green Area (m ²):670.0		Total Green Area (m²):670.0		
		Green Area % of plot area:10%		
		No. of trees and species to be planted:125		
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Allocation of Rs. 14 lacs has been proposed for water sprinklers, barricades, waste water & waste management, provision of PPEs etc. during the construction phase. Capital cost of Rs. 26.0 lacs and recurring cost of Rs. 6.0 lacs has been proposed for installation of energy efficient appliances, green belt development, rain water harvesting & ground water recharge, waste water management, solid waste management etc.		
24.	Dust control measures	Water sprinkling, maintaining roads & trees to avoid dust generation etc.		
25.	Eco friendly building material usage details.	Fly ash & pozzolana cement will be used in concrete, paving blocks and any cement applications. Lead free paint, enamels will be used for painting wooden and metal surfaces.		
26.	Details of basic amenities to be provided to construction workers.	Adequate sanitation facilities, drinking water, bins for collection of municipal solid waste.		
27.	Documents related to land possession.	Village form no.7 & N.A. order shows that the land for residential use is in the name of applicant.		

During the meeting, it was noticed by the committee that out of the total 356 residential units, 176 units are of 2 BHK & 180 units are of 1 BHK. After detailed discussion, it was decided to consider the project only after submission of the following:

- 1. Copy of project plans showing building & floor wise actual built up area, FSI area, Floor area details, plot area statement of the project etc.
- 2. Floor area details of each building and provision of staircases in the proposed buildings based on the requirement of NBC & GDCR in this regard.
- 3. Copy of permission or letter of intent obtained from Bhavnagar Area Development Authority for provision of water supply, drainage connection & municipal solid waste collection facility to the project.

The following project was also discussed during the meeting:

1. IT Park & Mall project at S.No.4,5,6,7,8,9,10 at village Koba, Gandhinagar proposed by Acqualine properties Pvt. Ltd.

The project was accorded Environmental Clearance vide order no. SEIAA/GUJ/EC/8(b)/126/2008 dated 10/10/2008. The project proponent applied for validity extension of Environmental Clearance to SEIAA Gujarat vide letter dated 04/09/2013. SEIAA Guajrat vide letter dated 23/09/2014 informed The Regional Office Ahmedabad to carry out site visit and to obtain opinion of SEAC in this regard. Joint visit of the project site was carried out by SEAC & GPCB RO Gandhinagar and Dr. Mayuriben Pandya, member of SEAC remained present during the visit. During the visit it was found that from the total eight buildings only one twin type building was found constructed and in operational condition. Water requirement of the project is being met through the water supply from Sardar Sarovar Narmada Nigam Limited. Sewage (about 60.0 KL/day) of the building is being treated in the onsite STP, which was found

functioning during the time of visit. As per the information given by the person contacted, the treated sewage is being used in landscaping & gardening. They were suggested to make provision of pakka approach road to STP. Compliance report of the conditions stipulated in the EC order, details of STP and status of construction carried out at the project site were also submitted by the project proponent.

The matter was discussed and it was decided to recommend the project to SEIAA Guajrat for grant of validity extension of Environmental Clearance dated 10/10/2008 for further 7 years.

The following project proponent has withdrawn the online application for obtaining Environmental Clearance and hence it was decided to delist the proposal from the list of applications pending with SEAC and to close the files.

- 1. Swagat Clifton, R.S. No. 71/2, 73/1, Block No. 125+129, O.P. No. 64, F.P. No. 36, T.P.S.No. 43 (Bhimrad), Choryasi, Surat.
- 2. Pushti Enterprise, S.No.223, Mujmahuda, Vadodara.
- 3. K.P Patel, Block No.185.T.P.S No.35, O.P.No.- 60, F.P No-60, At- Kumbharia, Ta. Choryasi, Dist- Surat.

Meeting ended with thanks to the Chair and the Members.

Minutes approved by:

1.	Shri T. P. Singh, Chairman, SEAC.	
2.	Shri V. C. Soni, Vice Chairman, SEAC.	
3.	Shri R. J. Shah, Member, SEAC.	
4.	Dr. V. K. Jain, Member, SEAC.	
5.	Shri V. N. Patel, Member, SEAC.	
6.	Shri Hardik Shah, Secretary, SEAC.	