Minutes of the 301st meeting of the State Level Expert Appraisal Committee held on 09/08/2016 at Committee Room, Gujarat Pollution Control Board, Gandhinagar.

The 301st meeting of the State Level Expert Appraisal Committee (SEAC) was held on 9th August, 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 Rajesh I. Shah, Member SEAC.*
6. *Shri Hardik Shah, IAS, Secretary, SEAC.*

The agenda of TOR/Scoping/Category 8 (a) cases, appraisal cases, reconsideration cases and refer back cases was taken up. Ten (10) cases of reconsideration, Seven (7) cases of TOR/Scoping/ Category 8 (a) and Two (2) case of appraisal i.e total Twenty 20 cases were taken up. The applicants made presentations on the activities to be carried out along with other details furnished in the Form-1 / Form-1A, EIA report and other reports.

The following 7 projects listed at Sr. No. 1 to 7 those have purchased FSI under Transferrable Development Right were called during the meeting. The representative of M/s Safal Constructions Pvt. Ltd., from whom the FSI has been purchased under Transferrable Development Right, was also remained present during the meeting.

1.	Swati Gardenia	F.P.No-38+39+55, T.P.S.No.84/A, Vill: Makarba, Ahmedabad.

The project was earlier taken up in the meeting of SEAC held on 10/02/2016. [Proposal no. SIA/GJ/NCP/33390/2015].

Project proponent submitted the details sought during the meeting held on 10/02/2016 vide their letter dated 16/04/2016. They have submitted a copy of application made by M/s Safal Constructions Pvt. Ltd to Deputy Town Planner for transfer of FSI under Transferrable Development Right to the proposed project. They have submitted letter from M/s Swati Procon Pvt. Ltd. stating that the project was to be developed by M/s Swati Procon Pvt. Ltd. and now the development of the project is transferred to M/s Swati Developers. They have already got amendment in EC dated 31/03/2015 in the name of M/s Swati Developers. It was mentioned that mechanical parking for 20 CPS will be provided in basement. Total parking area provision for the project will be 6,207.91 m^2 [3,917.63 m^2 in basement + 1,293.04 m^2 in hollow plinth + 357.24 m^2 as open surface parking + 640 m^2 as mechanical parking in basement] equivalent to 203 CPS against the parking requirement of 196 CPS as per NBC norms.

The project proponent vide their letter dated 22/08/2016 also submitted a bond, signed before

Ahmedabad Municipal Corporation for purchase of FSI under Transferrable Development Right from M/s Safal Constructions Pvt. Ltd.

The said submission of the project proponent as well as the matter of TDRC was considered by the committee in the meeting. The project proponent along with their expert / consultant attended the meeting.

It was found by the committee that a bond, signed before Ahmedabad Municipal Corporation for purchase of FSI under Transferrable Development Right from M/s Safal Constructions Pvt. Ltd., has been submitted by the project proponent. Further, the representative of M/s Safal Constructions Pvt. Ltd. also presented a copy of the Index of "Details of Utilisation of TDRC & Transfers" obtained by M/s Safal Constructions Pvt. Ltd. from Ahmedabad Municipal Corporation which also confirms the purchase of FSI under Transferrable Development Right by the project proponent. After discussing the matter at length and as the additional details submitted by the project proponent, which was sought during the meeting of SEAC held on 10/02/2016, was found satisfactory, it was decided to recommend the project to SEIAA Gujarat for grant of amendment in Environmental Clearance order no. SEIAA/GUJ/ EC/8(a)/ 171/2012 dated 01/06/2012 which was further amended vide order no. SEIAA/GUJ/EC/8(a)/1219/2015 dated 31/03/2015.

2.	Shivalik Residency	F.P.No.234/P, T.P.S.No.14,Shahibaug,Ahmedabad.

The project taken up in the meeting of SEAC held on 10/02/2016. [Proposal no. SIA/GJ/NCP/32911/2015]

Project proponent submitted the details sought during the meeting of SEAC held on 10/02/2016 vide their letter dated 29/04/2016. It was mentioned that the total parking area provision for the project will be 3,739.81 m^2 [3,026.74 m^2 in basement + 654.58 m^2 in hollow plinth + 58.49 m^2 as open surface parking] equivalent to 12 CPS against the total number residential units of 58. They have submitted a copy of bond signed between the project proponent & M/s Safal Constructions Pvt. Ltd. for transfer of FSI under TDRC.

The said submission of the project proponent as well as the matter of TDRC was considered by the committee in the meeting. The project proponent along with their expert / consultant attended the meeting.

It was found that a bond, signed between the project proponent & M/s Safal Constructions Pvt. Ltd. for purchase of FSI under Transferrable Development Right has been submitted by the project proponent. Further, the representative of M/s Safal Constructions Pvt. Ltd. also presented a copy of the Index of "Details of Utilisation of TDRC & Transfers" obtained by M/s Safal Constructions Pvt. Ltd. from Ahmedabad Municipal Corporation which also confirms the purchase of FSI under Transferrable Development Right by the project proponent. After discussing the matter at length and as the additional details submitted by the project proponent, which was sought during the meeting of SEAC held on 10/02/2016, was found satisfactory, it was decided to recommend the project to SEIAA Gujarat for grant of amendment in Environmental Clearance order No. SEIAA/GUJ/ EC/8(a)/3044/2015 dated 19/08/2015.

3.	Jay Mangal Residency	T.P.No.08 (Asarwa), City Sr. No. 4585/1, F.P.120/1 Asarawa, Ahmedabad.

The project taken up in the meeting of SEAC held on 18/02/2016. [Proposal no. SIA/GJ/NCP/41675/2016]

Project proponent submitted the additional details sought during the meeting of SEAC held on 18/02/2016 vide their letters dated 26/04/2016 & 15/02/2016. They have submitted a Structural stability certificate from a structural engineer stating that the the buildings are structurally designed for 2 level basement + ground floor + 12 floors. Parking space of 9,185.0 m^2 [8,000.0 m^2 in basement + 1,185.87 m^2 in hollow plinth] equivalent to 292 CPS will be provided against the total 288 number of residential units.

The said submission of the project proponent as well as the matter of TDRC was considered by the committee in the meeting. The project proponent along with their expert / consultant attended the meeting.

It was found that a bond, signed before Ahmedabad Municipal Corporation for purchase of FSI under Transferrable Development Right from M/s Safal Constructions Pvt. Ltd. has been submitted by the project proponent. Further, the representative of M/s Safal Constructions Pvt. Ltd. also presented a copy of the Index of "Details of Utilisation of TDRC & Transfers" obtained by M/s Safal Constructions Pvt. Ltd. from Ahmedabad Municipal Corporation which also confirms the purchase of FSI under Transferrable Development Right by the project proponent. After discussing the matter at length and as the additional details submitted by the project proponent, which was sought during the meeting of SEAC held on 18/02/2016, was found satisfactory, it was decided to recommend the project to SEIAA Gujarat for grant of Environmental Clearance to the project for the proposed expansion by superseding the earlier Environmental Clearance order dated SEIAA/GUJ/EC/8(a)/1208/2015 dated 31/03/2015.

4.	Shaligram Lakeview	R.S.No.510,526,529,532, O.P. No.82/1, F.P.No.82/1, Draft T.P.S.No.63 (Khoraj), Gandhinagar

The project was earlier appraised during the meetings of SEAC held on 28/07/2015 & 18/02/2016.

Project proponent submitted the details sought during the meeting of SEAC held on 18/02/2016 vide their letter dated 23/02/2016. They have submitted a letter from M/s Safal Constructions Pvt. Ltd. stating that they are ready to allot FSI under TDRC to the proposed project. It was submitted that from the total water requirement of 340 KL/day, only 40 KL/day water requirement for gardening & flushing will be met through treated sewage and remaining water requirement will be met through water supply from AUDA. Sewage – 261 KL/day to be generated will be treated in treated in the proposed onsite STP and 40 KL/day of treated sewage will be reused within premises and remaining quantity of treated sewage will be discharged into the drainage line to be provided by AUDA.

The said submission of the project proponent as well as the matter of TDRC was considered by the committee in the meeting. The project proponent along with their expert / consultant attended the meeting.

It was found that they have not submitted a bond, signed before Ahmedabad Municipal Corporation for purchase of FSI under Transferrable Development Right from M/s Safal Constructions Pvt. Ltd. Further the index of "Details of Utilisation of TDRC & Transfers" obtained by M/s Safal Constructions Pvt. Ltd. from Ahmedabad Municipal Corporation presented by the representative of M/s Safal Construction Pvt. Ltd also does not confirm the purchase of FSI under Transferrable Development

Right by the project proponent.

After detailed discussion it was decided to consider the project only after submission of the authentic document showing purchase of FSI under Transferrable Development Right for the proposed project and the project proponent was asked to submit the same within 10 days.

5.	Garden Residency II	Block No.(552+554+555+576A+ 576B)/3+577, F.P. No. 199/3+ 208, of T.P.S. No.3, Bopal, Dascroi, Ahmedabad.

The project was appraised during the meeting of SEAC held on 28/07/2015.

Project proponent submitted the details sought during the meeting of SEAC held on 28/07/2016 vide their letters dated 25/09/2015 & 21/06/2016. Project proponent vide their letter dated 25/09/2015 submitted a certificate from a structural engineer stating that the structural design of the buildings is stable against loads such as dead load, live load, earth quake load, floor finish & other loads for all the 7 floors as per relevant IS codes. Vide letter dated 21/06/2016, the project proponent has submitted a bond, signed before Ahmedabad Municipal Corporation for purchase of FSI under Transferrable Development Right from M/s Safal Constructions Pvt. Ltd.

The said submission of the project proponent as well as the matter of TDRC was considered by the committee in the meeting. The project proponent along with their expert / consultant attended the meeting.

During the meeting, It was found that a bond, signed before Ahmedabad Municipal Corporation for purchase of FSI under Transferrable Development Right from M/s Safal Constructions Pvt. Ltd. has been submitted by the project proponent. The purchase of FSI under Transferrable Development Right was also confirmed by the representative of M/s Safal Constructions Pvt. Ltd. It was clarified that the FSI under TDRC has been purchased by the project proponent in May 2016 and the Index of "Details of Utilisation of TDRC & Transfers" is still to be obtained from Ahmedabad Municipal Corporation. While discussing various aspects regarding the project the project proponent was suggested to increase the parking area provision for the project. After detailed discussion, the project proponent was asked to submit the following within 10 days for consideration of the project.

1. Explore the possibility of increasing the parking area provision for the project and revised parking area provision details with back up calculation.

6.	Swati Florence	S.P.No.2,F.P.No.170/1, O.P.No.170/1, Block No. 473/A+B, Draft D.T.P.S. No.3, Bopal, Ahmedabad.

The project was appraised during the meeting of SEAC held on 31/03/2016. [Proposal no. SIA/GJ/NCP/50983/2016]

Project proponent vide their letter dated 25/05/2016 submitted that underground fire water tank of 100 KL capacity, fire extinguishers & hydrant system at each floor, hose reel, fire alarm call point etc. will be provided for the proposed project.

During the meeting, it was found that the Bond signed for purchase of FSI under Transferrable Development Right has not been submitted. It was clarified by the project proponent that FSI under Transferrable Development Right for the proposed project is yet to be purchased. The project proponent requested to consider the project based on reduced the built up area of 39,536.1 m^2 & FSI

area of 21,404.65 m^2, which is available as per the prevailing GDCR, instead of built up area of 41,264.10 m^2 & FSI area of 22,684.99 m^2 (39,536.1 m^2 available as per GDCR +1,728.0 m^2 under TDRC)proposed by them as per the original application made by them. The matter was discussed during the meeting and it was unanimously decided to consider the project only after submission of the revised Form – 1 & 1A for the proposed changes in the project.

7.	Yash Arian	211/1,211/2 Paiki Plot No.B, T.P.S.29, Naranpura, Ahmedabad.

The project was earlier appraised during the meeting of SEAC held on 10/02/2016. [Proposal no. SIA/GJ/NCP/9494/2016]

Project proponent vide their letter dated 07/04/2016 submitted the additional information which was sought during the meeting of SEAC held 10/02/2016. They have submitted photographs showing the current status of the project. Structural stability certificate stating that the foundation, beams & columns of the commercial building are capable of increasing the floors i.e to increase up to 5th floors. It is proposed to provide STP for grey sewage of 175 KL/day capacity for treatment of grey sewage to be generated during the operation phase. Treated grey sewage will be used for flushing & gardening purpose within premises remaining quantity of treated grey sewage along with the untreated black sewage will be discharged into the underground drainage line of AMC. From the total water requirement of 197.03 KL/day, fresh water requirement of 112.39 KL/day will be met though water supply from Ahmedabad Municipal Corporation and remaining water requirement of 84.65 KL/day will be met through treated grey sewage.

The above submission of the project proponent as well as the matter of TDRC was considered by the committee during the meeting. The project proponent along with their expert / consultant attended the meeting.

It was found that a bond, signed before Ahmedabad Municipal Corporation for purchase of FSI under Transferrable Development Right from M/s Safal Constructions Pvt. Ltd. ,has been submitted by the project proponent. Further, the representative of M/s Safal Constructions Pvt. Ltd. also presented a copy of the Index of "Details of Utilisation of TDRC & Transfers" obtained by M/s Safal Constructions Pvt. Ltd. from Ahmedabad Municipal Corporation which also confirms the purchase of FSI under Transferrable Development Right by the project proponent. After discussing the matter at length and considering the details submitted by the project proponent, the committee found that the parking area provision is less than the parking requirement of NBC norms. The project proponent was suggested to increase the parking area provision for the project. At this the project proponent justified that as the construction of project has already been completed up to 4th floor as per the Environmental Clearance granted to them and they are not in the position of providing another level basement. The committee was of the view that the project proponent should provide parking space as per the NBC norms for the proposed expansion atleast. After discussing the various aspects regarding the project it was decided to consider the project only after submission of the following:

1. Details on parking area already provided for the existing project and the additional parking area to be provided for the proposed expansion with complete back up calculation.

8.	SIM Estate	F.P. No. 196, T.P.S. No. 16, Shaherkotda, Ta. Maninagar, Dist. Ahmedabad

The project was appraised during the meetings of SEAC held on 31/03/2016 & 06/06/2016. [Proposal no. SIA/GJ/NCP/50464/2016]. During the meeting of SEAC held on 06/06/2016, it was observed that parking area provision for the project is not as per requirement of the NBC norms. The project proponent was suggested to make provision of D.G set/s for the proposed commercial project as backup power arrangement in case of power failure & for utilization during the emergency like fire etc. The project proponent was also agreed to provide D.G set/s. After detailed discussion, it was decided to consider the project only after submission of the following:

1. Details on parking area provision for the proposed commercial project as per requirement of the NBC norms with back up calculation & parking plans.
2. Details of the D.G. sets including its capacity, fuel, quantity, stack height, location as well as the acoustic measures proposed to abate noise pollution.
3. Authenticated document of association of persons for Shree Industrial Mills Estate (SIM Estate).

Project proponent vide their letter dated 12/07/2016 submitted above mentioned details stating that a D.G.set of 100 KVA will be provided for the proposed commercial project. Copy of Ruled card showing that the land is in the name of Shree Industrial Mill Estate has been submitted. Details of parking area provision to be made by the project proponent has also been submitted by them.

The project proponent was called during the meeting for making brief presentation before the committee covering the relevant information regarding the parking area provision for the project.

Project proponent along with their expert / consultant attended the meeting. It was presented that parking area of 42,286.56m2 [34,754.73 m^2 in basement + 7531.83 m^2 as open surface parking + 15,584 m^2 as mechanical parking in basement] equivalent to 1900 CPS will be provided. It was found by the committee that the parking area proposed by the project proponent is not as per the parking requirement of NBC norms. The project proponent was suggested to provide second level basement in order to meet with the parking requirement of NBC norms. The project proponent has replied that they have already checked the feasibility of providing 2nd level basement for the project but due to existence of old building structures in the vicinity, it is not possible to provide 2nd level basement for the project after demolition of the existing structure at the project site. Further it was presented that the commercial units of the project are planned for the lower & medium class business persons and not for the high end show rooms / shops & offices and hence possibility of owning a car by the commercial unit owners is less compared to the high end type commercial units. The matter was discussed during the meeting and it was decided to consider the project only after submission of the following:

1. A certificate from certified structural engineer stating that the provision of second level basement is not possible in the proposed project along with justification/reasons for the same.
2. Explore the possibility of increasing the parking area provision for the proposed project and details thereof along with the backup calculations.

9.	Sakar - IX(Bakeri Urban Dev. Pvt Ltd)	T.P.S. No. 3 (Elis Bridge). F.P. No. 187/1, Ashram Road, Ahmedabad

The SEIAA, Gujarat has accorded environmental clearance to M/s Bakeri Urban Development Pvt. Ltd. for the commercial building construction project at F.P. No 187/1, T.P.S. No. 03 (Ellis Bridge), Ashram Road, Dist: Ahmedabad vide order no. SEIAA/GUJ/ EC/8(a)/153/2014 dated 08/09/2014 for the built up area of 21,393.0 m^2.

The project proponent vide their proposal no. SIA/GJ/NCP/50674/2016 dated 29/02/2016 along with revised Form-I & Form-IA requested for amendment of Environmental Clearance order dated 08/09/2014. The request of the amendment in terms of proposed expansion was considered during the meeting of SEAC held on 31/03/2016.

During the meeting held on 31/03/2016, it was presented that 2 nos. of staircases of 2 m width will be provided in the proposed commercial building having maximum floor area of 2,129.22 m^2. Maximum travel distance of a stair case from the farthest corner of the floor as well as between the two staircases will be 40 m. It is proposed to provide mechanical parking in both the level basements & in hollow plinth. Height of the basements & hollow plinth will be 4.6 m & 5.6 m respectively to accommodate mechanical parking. While asking by the committee, it was presented that the main reason for the proposed expansion is availability of additional FSI to the project under CBD (Central Business District) scheme of AMC. It was presented that the CBD scheme was under planning & discussion stage since long and hence the foundation & designing of the building has already been carried out considering the proposed additional FSI & 13 stories in order to take advantage of additional FSI under CBD scheme. During the meeting, after detailed deliberation, it was decided to consider the project only after submission of the following:

1. Copy of permission obtained from concerned authority or authentic supporting documents showing availability of the proposed FSI to the project.
2. Structural stability certificate stating that the foundation & design of the building is capable of bearing the load of 13 storied structure.
3. Project plan showing floor wise built up area, FSI area & floor area tables as well as plot area statement.
4. Details of mechanical parking to be provided (also including its operation, maintenance, energy consumption, appointing trained personnel's etc.) in the basement & hollow plinth.

Project proponent submitted the above mentioned details vide their letter dated 05/05/2016 along with project plan, details of the mechanical parking and the foot print measures obtained from the Ahmedabad Municipal Corporation revealing that the project sitefalls in the Central Business District Zone (CBDZ). Structural stability certificate mentioning that the building is designed for 2 level basement + Ground floor + 13 floors for the height of 45 m.

Project proponent was called during the meeting for making brief presentation before the committee covering the relevant information regarding the parking area provision for the project. It was found by the committee, that the parking area proposed by the project proponent is not as per the requirement of NBC norms. The project proponent was suggested to provide parking area as per the requirement of NBC norms. At this the project proponent replied that in order to promote the public transport in the CBDZ, the parking area requirement has not been specified in the revised GDCR for the project coming up in the CBDZ. The committee was of the view that when the designing of the building has already been done considering the proposed additional FSI of 5.3 & 13 stories, they should have provided the more level basement at the time of planning for the project. At this the project proponent replied that concept of providing more level basement was not feasible even at the time of early stage of planning considering the structural strength of the other old buildings in the vicinity. The matter was discussed during the meeting and it was decided to consider the project only after submission of the following:

1. Compliance report in respect of the stipulated terms and conditions in the Environmental Clearance order no. /GUJ/ EC/8(a)/153/2014 dated 08/09/2014.

2. Explore the possibility of providing parking area provision for the project as per the NBC norms.

3. A letter from Ahmedabad Municipal Corporation regarding the specific parking requirement for the projects coming up in the Central Business District Zone also along with the details of providing common parking facilities in the CBDZ by the AMC in future, if any.

10.	City Centre-2 (Jas Infracon LLP.)	F.P. No. 21 & 27, T.P.S. No. 18 (Sarangpur), Rajpur,Ta.Hirpur,Ahmedabad.

The project was appraised during the meetings of SEAC held on 10/02/2016 & 07/05/2016. [Proposal no. SIA/GJ/NCP/33002/2015] During the meeting held on 07/05/2016, it was observed that they have submitted commencement letters obtained from AMC for built up area of 82,744.62 m^2 comprising of 1113 nos. of commercial units whereas the proposed built up area of the project is 89,634.03 m^2 compring of 1129 commercial units. 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 the proposed FSI & built up area of the project comprising of 1129 nos. of commercial units.

2. Revised details with increased parking area provision for the proposed commercial project as per requirement of the NBC norms.

Project proponent submitted the above mentioned details to this office on 01/08/2016.

Project proponent was called during the meeting for making brief presentation before the committee covering the relevant information regarding the parking area provision for the project.

The project proponent along with their expert / consultant attended the meeting. It was presented that actually the number of commercial units to come up in the project will be 1127 and built up area of the project will be 89,676.4 m2 instead of 1129 & 89,634.03 m^2 respectively which was inadvertently written in the original application. Further it was presented that parking space of 62,509.08 m^2 [9,470.94 m^2 as open surface parking + 9,470.94 m^2 as mechanical parking at open surface + 19,353.60 m^2 in basement + 19,353.60 m^2 as mechanical parking in basement + 4,860.0 m^2 at terrace floor] which is equivalent to 2245 CPS against the parking requirement of 2434 CPS as per the NBC norms. It was found that the proposed parking area provision for the project is less than the parking requirement of NBC norms and the project proponent was suggested to explore the possibility of increasing the parking area provision so as to meeting with the parking requirement of NBC norms. At this the project proponent stated that construction of the existing mall has already been completed as per the Environmental Clearance granted to them and the project is in operational state at present. Now it is not possible for them to provide another level basement and they have provided maximum possible parking space. The committee was of the view that parking area provision made for the existing project, for which the Environmental Clearance has already been granted, as per the NBC norms based on the prevailing census records of the Ahmedabad City at that time and now the project proponent should provide parking space as per the NBC norms for the proposed expansion. After detailed discussion, it was decided to consider the project only after submission of the following:

1. Details on parking area already provided for the existing project and the additional parking area to be provided for the proposed expansion with complete back up calculation.

2. Revised Form – 1 & 1A for the proposed changes in the built up area & number of units in the project.
3. Authentic document showing ownership of the project by the project proponent.

11.	Saransh ambience (Chanchal Infrastructure Ltd.)	F.P.No.41, Vill:Vasna, Ahmedabad.

The SEIAA, Gujarat has accorded environmental clearance to M/s Chanchal Infrastructure Pvt. Ltd. for residential cum commercial building construction project at F.P.No.41, T.P.S.No.: 26, Vill: Vasana, Dist: Ahmedabad vide order no. SEIAA/GUJ/EC/8(a)/137/2011 dated 08/08/2011 for the built up area of 37,302.91 m^2.

the project proponent, vide their letter dated 14/08/2015 submitted revised Form I & Form IA and requested for amendment of Environmental Clearance order dated 08/08/2011 for the proposed expansion of the project. Based on their application dated 14/08/2015, the project was considered during the meeting of SEAC held on 14/10/2015. The additional details submitted by the project proponent with reference to the meeting dated 14/10/2015 was considered by the committee during the meeting held on 31/03/2016. Based on the decision taken during the meeting of SEAC held on 31/03/2016, the project was recommended by the SEAC vide letter No. EIA-10-2015-879-E-1193 dated 10/05/2016. Based on the recommendation of the SEAC, the project was taken up in the meeting of SEIAA dated 13/05/2016. As per the decision taken during the meeting of SEIAA dated 13/05/2016, the project was referred back to SEAC vide letter No. SEIAA/GUJ/EC/ 8(a)/346/2016 dated 20/05/2016 for the following reason:

"To verify the details of parking area provided with respect to NBC guidelines."

The project proponent along with their expert/consultant attended the meeting.
The committee found that the earlier environmental clearance granted to the project with parking area provision of 12,714.06 m^2 [2,006.52 m^2 in hollow plinth, 1,026.69 m^2 as open surface and 7,002.89 m^2 in basement]. It was found that total of the parking area to be provided in hollow plinth, basement & to be provided as open surface parking is actually 10,036.1 m^2 which was inadvertently presented as 12,714.06 m^2 and the same was reflected in recommendation letter as well as Environmental Clearance order dated 08/08/2011. The project proponent has proposed to provide parking space of 5,208.99 m^2 [2,279.64 m^2 in hollow plinth + 360.52 m^2 as open surface + 2,568.83 m^2 in basement] equivalent to 176 CPS for the project after the proposed expansion. The committee found that the parking area provision for the project after the proposed expansion is even less than what was proposed earlier & for which the Environmental Clearance already granted. Further the parking area proposed to be provided is less than the parking requirement as per the NBC norms. The project proponent was suggested to increase the parking area provision in way to meet with the parking requirement of the NBC norms. At this the project proponent agreed to increase the parking area provision for the project.
After detailed discussion it was decided to consider the project only after submission of the of the following:

1. Revised details on parking area provision for the project as per the parking requirement of NBC norms with back up calculation & parking plans.

12.	Zydus Corporate House	Survey No.536/p, F.P.No.103, Draft T.P.S.No.63, Khoraj, Gandhinagar

The SEIAA, Gujarat has accorded environmental clearance to M/s Cadila Healthcare Ltd. for commercial building construction project - "Zydus Corporate House" at Survey Number 536/p,

F.P.No.103, Draft T.P.S.No.63, Ta: Khoraj, Dist: Gandhinagar vide order no. SEIAA/GUJ/EC/8(a)/3196/2015 dated 24/08/2015 which was further amended vide order no. SEIAA/GUJ/EC/8(a)/165/2016 dated 24/02/2016 for the built up area of 80,091.0 m^2.

The project proponent, vide proposal no. SIA/GJ/NCP/56142/2016 dated 20/06/2016 submitted revised Form I & Form IA and requested for amendment of Environmental Clearance order dated 24/08/2015 which was further amended vide order no. 24/02/2016 for the proposed changes in terms of expansion of the project.

The request for amendment in terms of proposed expansion was considered during the meeting. Details of the project as per the EC granted and details of the project after the proposed expansion, as presented before the committee, are tabulated below:

Sr. No.	Details	Details as per environmental clearance	Revised details
1.	Plot / Land Area	26,041 m²	26,041 m²
2.	Built-Up Area	80,091.0 m²	91,274.34 m^2
3.	F.S.I. Area	37,689.08 m²	43,714.26 m²
4.	Ground Coverage	8,254.0 m²	8,125.45 m²
5.	Basement Area	38,000 m²	43,471.18 m²
6.	Parking Area	39,950.0 m^2 [39,950.0 m^2 in basement + 1,950.0 m^2 as open surface parking] & 1271 CPS	70,333.22 m² [43,471.18 m^2 in two level basement + 2,494.0 m^2 as open surface parking + 21,735.59 m^2 as mechanical parking in basement 2+ 2,632.45 m^2 in common plot] & 1781 CPS
7.	Common Plot Area	2,800 m^2	2,800 m^2
8.	Tree Cover Area	1,000 m^2 with 400 trees.	1,000 m^2 with 400 trees.
9.	Lawn Cover Area	1,800 m^2	1,800 m^2
10.	Total no. of Blocks / Building	1 building	1 building
11.	Scope and Height of Each Building (e.g. Basement + Hollow Plinth + Ground Floor + No. of floors with height of each building)	2 level basement + ground floor + 7 floors Height of the building – 42.65 m.	2 level basement + ground floor + 7 floors Height of the building – 42.65 m.
12.	Block / Building wise and total no. of Commercial units	A corporate House with 600 seats in Amphitheatre	A corporate House with 600 seats in Amphitheatre
13.	Water requirement (KL/day) & source of water	Total - 226.1 & fresh – 112.5. Water supply from AUDA	Total - 226.1 & fresh – 112.5. Water supply from AUDA

14.	Waste water generation (KL/day)	124.12	124.12
15.	Solid waste generation (Kg/day)	1,070 (Dry waste – 428 Kg/day + Wet waste -642 Kg/day)	1,070 (Dry waste – 428 Kg/day + Wet waste -642 Kg/day)

During the meeting, it was presented that as mentioned in the environmental clearance granted, the Sewage to be generated will be treated in the proposed STP and treated sewage will be used for gardening, flushing & cooling water make up purpose at the maximum extent possible and only remaining quantity of treated sewage will be discharged into the drainage line of AUDA. It was also presented that they have not started any kind of construction activity at the project site. After detailed discussion, it was decided to consider the project only after submission of the following:

1. Compliance report in respect of the stipulated terms and conditions in the Environmental Clearance order no. SEIAA/GUJ/EC/8(a)/3196/2015 dated 24/08/2015 which was further amended vide order no. SEIAA/GUJ/EC/8(a)/165/2016 dated 24/02/2016.
2. Justification for the proposed expansion of the project along with the supporting documents and/or permission from concerned competent authority for the proposed expansion of the project.
3. Noise control measures to be provided in view of the proposed amphitheatre in the project so as to avoid disturbances to the people residing in the surrounding.

13.	High Rise Building Project 2 FP 123	R.S. No.: 54/2+54/3, O.P.No: 27/B1, F.P.No: 123, T.P.S.No: 7, (Anjana), Ta: Choryasi, Dist. Surat

Details of the proposed project as presented before the committee is described below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project [SIA/GJ/NCP/56441/2016]
2.	Type of Project	Commercial
3.	Project / Activity No. [8(a) or 8(b)]	8(a) - Building and construction projects; Category: B
4.	Name of the project	Commercial project by Mr. Nareshbhai H. Babariya
5.	Name of Developer	Mr. Nareshbhai H. Babariya
6.	Estimated Project Cost (Rs. In Crores)	40 Crore
7.	Whether construction work has been initiated at site? If yes, details thereof	No

<table>
<tr><td>8.</td><td>Project Details</td><td>• Land / Plot Area (m^2): 11,252.0
• FSI area (m^2): 45,007.14
• Total BUA (m^2): 71,605.45
<table><tr><td></td><td>Permissible</td><td>Proposed</td></tr><tr><td>FSI Area (m^2)</td><td>45,008 .0</td><td>45,007.14</td></tr><tr><td>Ground Coverage (m^2)</td><td>3,375.60</td><td>5,740.11</td></tr><tr><td>Common Plot Area (m^2)</td><td>1,125.20</td><td>1,226.79</td></tr><tr><td>Max. building height (m)</td><td>-</td><td>53.14</td></tr></table></td></tr>
<tr><td>9.</td><td>Building Details</td><td>• No. of Buildings: 1 Nos.
• No. of Blocks: 1
• Scope of buildings/blocks: 2 level basement + Ground floor + 9 floors.
• No. of commercial units: 1107 shops.</td></tr>
<tr><td>10.</td><td>No. of expected residents / users</td><td>2214 nos. Commercial Users</td></tr>
<tr><td>11.</td><td>Water & waste water details during construction phase</td><td>• Water requirement (KL/day): 10.3
• Source of water: Water supply from Surat Municipal Corporation (SMC)
• Waste water generation quantity (KL/day): 1.20
• Mode of disposal: Onsite Sanitation facilities (Septic tank/ Soak Pit) will be provided during the construction phase</td></tr>
<tr><td>12.</td><td>Water & waste water details during operation phase</td><td>• Total water requirement (KL/day): 111.0
• Fresh water requirement (KL/day): 75.0
• Source of water: water supply from Surat Municipal Corporation (SMC).
• Waste water generation quantity (KL/day): 93
• Mode of disposal: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be used for gardening & flushing purpose and only remaining quantity of treated sewage will be discharged into the drainage line of SMC.
• In case of STP provision, capacity of STP: Capacity 100.0 KL/day
• STP Technology: Primary, Secondary & Tertiary Treatment.
• Purposes for treated water utilization: Treated sewage will be utilized in gardening and flushing.
• Quantity of treated water to be reused: 1. Gardening (KL/day): 3.0 KL/day, 2. Flushing (KL/day): 33.0 KL/day
• Provision of dual plumbing system (Yes/No): Yes
• Quantity and type (treated/untreated) of sewage to be discharged: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be used for gardening & flushing purpose and only remaining quantity of treated sewage will be discharged into the drainage line of SMC
• Mode of disposal: As above.</td></tr>
<tr><td>13.</td><td>Status of water supply and drainage line</td><td>S.M.C. Water Supply and Underground Sewer line available at project site.</td></tr>
<tr><td>14.</td><td>Solid waste</td><td>Construction Phase:</td></tr>
</table>

<table>
<tr>
<td></td>
<td>Management</td>
<td>
<table>
<tr><td></td><td>Generation (m^3)</td><td>Quantity to be reused (m^3)</td><td>Mode of Disposal / Reuse</td></tr>
<tr><td>Top Soil</td><td>93,432.69</td><td>93,432.69</td><td rowspan="3">Excavated surplus earth and construction debris will be refilled at low lying areas in the project premises and top soil will be used for development of greenbelt.</td></tr>
<tr><td>Other excavated earth</td><td colspan="2"></td></tr>
<tr><td>Construction debris</td><td>85</td><td>85</td></tr>
<tr><td>Steel scrap</td><td>7.6 MT</td><td>---</td><td>Will be sold to recycler/vendors</td></tr>
<tr><td>Discarded packing materials</td><td>1 MT</td><td>--</td><td>Will be sold to recycler/vendors</td></tr>
</table>

Operation Phase:
<table>
<tr><td>Type of waste</td><td>Generation Quantity (Kg/day)</td><td>Mode of waste collection</td><td>Mode of Disposal / Reuse</td></tr>
<tr><td>Dry waste
Wet waste</td><td>664Kg</td><td>Into bins to be provided for waste collection.</td><td>Collection & final Disposal through SMC</td></tr>
</table>

Details of segregation if to be done: The solid wastes to be generated will be segregated into biodegradable and non-biodegradable wastes and collected in separate bins.
Capacity and no. of community bins to be placed within premises: 140 liter each; 18 nos. of bins;
Landfill site where waste will be ultimately disposed by local authority: M.S.W will be finally transferd to the final disposal site at Khajod

</td>
</tr>
<tr>
<td>15.</td>
<td>Parking Details</td>
<td>

Total parking area requirement for the project as per GDCR: 22,504 m^2
Parking area requirement for commercial units as per GDCR: 22,504 m^2
Total number of CPS requirement for the project as per NBC: 900 nos.
Number of CPS requirement for commercial units as per NBC: 900 nos.
Total Parking area provided (m^2) & No. of ECS: 28,696.39 m^2, 915 nos.
Parking area provided in basement (m^2) & No. of ECS: 18,402.36 m^2, 575 nos.
Parking area provided as open surface (m^2) & No. of ECS: 1,551.24 m^2, 67 nos.
Parking area provided as mechanical parking (m^2) & No. of ECS: 8742.79 m^2, 273 nos.

</td>
</tr>
</table>

<table>
<tr><td>16.</td><td>Traffic Management</td><td>• Width of adjacent public roads: 60 & 12.19 m wide road
• Number of Entry & Exit provided on approach road/s: 2 gates will be provided.
• Width of Entry & Exit provided on approach road/s: 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): 3.5
• Width of all internal roads: 6 & 9</td></tr>
<tr><td>17.</td><td>Details of Green Building measures proposed.</td><td>Maximum utilization of natural light, CFL & LED lighting fixtures in common areas, use of solar energy in external lighting, rain water harvesting & ground water recharge etc.</td></tr>
<tr><td>18.</td><td>Energy Requirement, Source and Conservation</td><td>• Power supply
Maximum demand: 1500 KVA
Connected load: --
• Source: D.G.V.C.L
• Energy saving measures: Maximum utilization of natural light, CFL & LED lighting fixtures in common areas, use of solar energy in external 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 sets: 4 x 50 KVA
Fuel & its quantity: Diesel, 12 Lit./Hr.</td></tr>
<tr><td>19.</td><td>Fire and Life Safety Measures</td><td>• Fire extinguishers & hose reel at each floor, wet riser opening at each floor, automatic sprinkler system in basement, manually operated electric fire alarm system, underground water tank of 75 KL capacity for each building, terrace water tank of 25 KL on each building block etc.
• Nearest fire station: Man Darwaja fire station.
Distance from the project site: approximate at about 1.5 km.
Time required by the fire tender to reach the project site: 5 minutes.</td></tr>
<tr><td>20.</td><td colspan="2">Details on staircase
<table>
<tr><th>Name of Building</th><th>Type & no. of buildings</th><th>No. of floors</th><th>Floor area</th><th>No. of staircase</th><th>Width of the staircase(m)</th><th>Travel distance (m)</th></tr>
<tr><td>C</td><td>Joint</td><td>G + 9</td><td>4917.22</td><td>07</td><td>2.00</td><td><30</td></tr>
</table></td></tr>
<tr><td>21.</td><td>Rain Water Harvesting (RWH)</td><td>• Level of the Ground water table: 80-100 ft
• No. and depth of percolations wells : 3nos.,
• Details on Pre-treatment facilities : Gravity filter, MOC: PE.</td></tr>
<tr><td>22.</td><td>Green area details</td><td>• Tree covered area (m^2) : 847.52 m^2
• Area covered by shrubs and bushes (m^2): ---
• Lawn covered area (m^2): ---
• Total Green Area (m^2): 847.52 m^2
• Green Area % of plot area: 7.5%
• No. of trees and species to be planted: 150 nos. of trees like Asopalav, Gulamohar, Palm, Neem, Badam tree etc.</td></tr>
<tr><td>23.</td><td>Budgetary</td><td>Sr. | Description | Capital Cost (Rs.</td></tr>
</table>

	allocation for Environmental Management Plan (Rs. in lacs)	No.		In Lacs)	
		1	Landscaping	20 Lacs	
		2	Groundwater Recharge Structure	7 Lacs	
		3	Solar Energy Utilization	4 lacs	
		4	Energy Efficient Lighting	2 lacs	
		5	Solid Waste Management	3 lacs	
		6	Monitoring of Air, Water, Noise & Soil	0.75 lacs	
			Total	36.75 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 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.	Copy of village form no. 7 & 12 submitted by them shows that the land is in the name of applicant & others. Copy of application made for obtaining N.A permission has been submitted.			

During the meeting, after detailed discussion on various aspects of the project it was decided to appraise the project further only after submission of the following:

1. Copy of permission obtained from concerned competent authority for the proposed FSI.
2. Base line status of the existing traffic, impact on it due to the project activities (prior to construction, during construction and at full site operation), carrying capacity of the existing roads and details of traffic management in and outside the project during construction and operation phase of the project.
3. Copy of permission obtained from Airports Authority of India for the proposed building height.
4. Location of the proposed STP on the layout plan.
5. Minimum fire water requirement for the proposed project based on the fire study.
6. Type of activities to be carried out in the proposed commercial units. Notarized 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.
7. 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.

8. E waste management plan.
9. 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.
10. Details on ventilation, lighting arrangements and CO sensors to be provided in the basements. Details on provision to be made for natural lighting & ventilation in the proposed commercial units.
11. Detailed plan for loading / unloading of goods, movement plan, space designated for it, parking area designated for trucks/tempo etc.
12. Details on common amenities like drinking water facility, sanitary blocks, first aid facilities etc. to be provided at each floor.
13. Details & plans showing floor wise emergency evacuation for the proposed project.

14.	High Rise Building Project-1	R.S. No.: 54/1, O.P.No: 27/A, F.P.No: 94, T.P.S. No.: 07 (Anjana), Ta: Choryasi, Dist. Surat.

Details of the proposed project as presented before the committee is described below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project [SIA/GJ/NCP/56438/2016]
2.	Type of Project	Commercial
3.	Project / Activity No. [8(a) or 8(b)]	8(a) - Building and construction projects; Category: B
4.	Name of the project	Commercial project by Mr. Nareshbhai H. Babariya
5.	Name of Developer	Mr. Nareshbhai H. Babariya
6.	Estimated Project Cost (Rs. In Crores)	25 Crore
7.	Whether construction work has been initiated at site? If yes, details thereof	No
8.	Project Details	• Land / Plot Area (m^2): 4,410.0 m^2 • FSI area (m^2): 17,497.80 m^2 • Total BUA (m^2): 27,272.96 m^2

	Permissible	Proposed
FSI Area (m^2)	17,640	17,497.80
Ground Coverage (m^2)	---	1,652.36
Common Plot Area (m^2)	441.0	451.25
Max. building height (m)	-	68.69

<table>
<tr><td>9.</td><td>Building Details</td><td>• No. of Buildings: 1 Nos.
• No. of Blocks: 1
• Scope of buildings/blocks: 2 level basement + Ground floor + 12 floors
• No. of residential units: ---
• No. of commercial units: 680 sops</td></tr>
<tr><td>10.</td><td>No. of expected residents / users</td><td>1360 nos. Commercial Users</td></tr>
<tr><td>11.</td><td>Water & waste water details during construction phase</td><td>• Water requirement (KL/day): 10.3
• Source of water: Water supply from Surat Municipal Corporation (SMC)
• Waste water generation quantity (KL/day): 1.20
• Mode of disposal: Onsite Sanitation facilities (Septic tank/ Soak Pit) will be provided during the construction phase</td></tr>
<tr><td>12.</td><td>Water & waste water details during operation phase</td><td>• Fresh water requirement (KL/day): 60.0
• Source of water: Water supply from Surat Municipal Corporation (SMC)
• Waste water generation quantity (KL/day): 46.0
• Mode of disposal: Into drainage line of Surat Municipal Corporation (SMC)</td></tr>
<tr><td>13.</td><td>Status of water supply and drainage line</td><td>S.M.C. Water Supply and Underground Sewer line available at project site.</td></tr>
<tr><td>14.</td><td>Solid waste Management</td><td>Construction Phase:
<table>
<tr><td></td><td>Generation (m^3)</td><td>Quantity to be reused (m^3)</td><td>Mode of Disposal / Reuse</td></tr>
<tr><td>Top Soil</td><td rowspan="2">36,149.31</td><td rowspan="2">36,149.31</td><td rowspan="3">Excavated surplus earth and construction debris will be refilled at low lying areas in the project premises and top soil will be used for development of greenbelt.</td></tr>
<tr><td>Other excavated earth</td></tr>
<tr><td>Construction debris</td><td>40</td><td>40</td></tr>
<tr><td>Steel scrap</td><td>3.8 MT</td><td>---</td><td>Will be sold to recycler/vendors</td></tr>
<tr><td>Discarded packing materials</td><td>1 MT</td><td>---</td><td>Will be sold to recycler/vendors</td></tr>
</table>
Operation Phase:</td></tr>
</table>

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>Type of waste</td><td>Generation Quantity (Kg/day)</td><td>Mode of waste collection</td><td>Mode of Disposal / Reuse</td></tr>
<tr><td>Dry waste</td><td rowspan="2">408 Kg</td><td rowspan="2">Into bins to be provided for waste collection.</td><td rowspan="2">Collection & final Disposal through SMC</td></tr>
<tr><td>Wet waste</td></tr>
</table>
• Details of segregation if to be done: The solid wastes to be generated will be segregated into biodegradable and non-biodegradable wastes and collected in separate bins.
• Capacity and no. of community bins to be placed within premises: 140 liter each; 12 nos. of bins;
• Landfill site where waste will be ultimately disposed by local authority: M.S.W will be finally transferd to the final disposal site at Khajod</td></tr>
<tr><td>15.</td><td>Parking Details</td><td>• Total parking area requirement for the project as per GDCR: 8,820 m^2
• Parking area requirement for commercial units as per GDCR: 8,820 m^2
• Total number of CPS requirement for the project as per NBC: 350 nos.
• Number of CPS requirement for commercial units as per NBC: 350 nos.
• Total Parking area provided (m^2) & No. of CPS: 11,043.25 m^2, 358 nos.
• Parking area provided in basement (m^2) & No. of CPS: 6,937.24 m^2, 217 nos.
• Parking area provided as open surface (m^2) & No.of CPS: 825.94 m^2,36 nos.
• Parking area provided (at any other place-specify) (m^2) & No. of CPS: Mechanical – 3,280.07 m^2, 105 nos.</td></tr>
<tr><td>16.</td><td>Traffic Management</td><td>• Width of adjacent public roads: 12.19 m wide road
• Number of Entry & Exit provided on approach road/s: ---
• Width of Entry & Exit provided on approach road/s: 6 &9 m
• Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 4 m
• Width of all internal roads: 6 &4</td></tr>
<tr><td>17.</td><td>Details of Green Building measures proposed.</td><td>Maximum utilization of natural light, CFL & LED lighting fixtures in common areas, use of solar energy in external lighting, rain water harvesting & ground water recharge etc.</td></tr>
<tr><td>18.</td><td>Energy Requirement, Source and Conservation</td><td>• Power supply
Maximum demand: 1000 KVA
Connected load: --
• Source: D.G.V.C.L
• Energy saving measures: Maximum utilization of natural light, CFL</td></tr>
</table>

<table>
<tr><td></td><td></td><td>& LED lighting fixtures in common areas, use of solar energy in external 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 sets: 2 x 50 KVA
Fuel & its quantity: Diesel, 12 Lit./Hr.</td></tr>
<tr><td>19.</td><td>Fire and Life Safety Measures</td><td>• Fire extinguishers & hose reel at each floor, wet riser opening at each floor, automatic sprinkler system in basement, manually operated electric fire alarm system, underground water tank of 75 KL capacity for each building, terrace water tank of 25 KL on each building block etc.
• Nearest fire station: Man Darwaja fire station.
Distance from the project site: approximate at about 1.5 km.
Time required by the fire tender to reach the project site: 5 minutes.</td></tr>
<tr><td>20.</td><td colspan="2">Details on staircase
<table>
<tr><th>No. of Building</th><th>Type & no. of buildings</th><th>No. of floors</th><th>Floor area</th><th>No. of staircase</th><th>Width of the staircase(m)</th><th>Travel distance (m)</th></tr>
<tr><td>1</td><td>Joint</td><td>2B+G + 12</td><td>1418.13</td><td>03</td><td>2.00</td><td><30</td></tr>
</table></td></tr>
<tr><td>21.</td><td>Rain Water Harvesting (RWH)</td><td>• Level of the Ground water table: 80-100 ft
• No. and depth of percolations wells : 2 nos.,
• Details on Pre-treatment facilities : Gravity filter, MOC: PE.</td></tr>
<tr><td>22.</td><td>Green area details</td><td>• Tree covered area (m^2) : 586.88 m^2
• Area covered by shrubs and bushes (m^2): ---
• Lawn covered area (m^2): ---
• Total Green Area (m^2): 586.88 m^2
• Green Area % of plot area: 13%
• No. of trees and species to be planted: 100 nos. of trees like Asopalav, Gulamhor, Palm, Neem, Badam tree etc.</td></tr>
<tr><td>23.</td><td>Budgetary allocation for Environmental Management Plan
(Rs. in lacs)</td><td>
<table>
<tr><th>Sr. No.</th><th>Description</th><th>Capital Cost (Rs. In Lacs)</th></tr>
<tr><td>1</td><td>Landscaping</td><td>15 Lacs</td></tr>
<tr><td>2</td><td>Groundwater Recharge Structure</td><td>7 Lacs</td></tr>
<tr><td>3</td><td>Solar Energy Utilization</td><td>4 lacs</td></tr>
<tr><td>4</td><td>Energy Efficient Lighting</td><td>2 lacs</td></tr>
<tr><td>5</td><td>Solid Waste Management</td><td>2 lacs</td></tr>
<tr><td>6</td><td>Monitoring of Air, Water, Noise & Soil</td><td>0.75 lacs</td></tr>
<tr><td colspan="2">Total</td><td>30.75 Lacs</td></tr>
</table></td></tr>
</table>

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 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.	Copy of village form no. 7 & 12 submitted by them shows that the land is in the name of applicant & others. Copy of application made for obtaining N.A permission has been submitted.

During the meeting, after detailed discussion on various aspects of the project it was decided to appraise the project further only after submission of the following:

1. Copy of permission obtained from concerned competent authority for the proposed FSI.
2. Base line status of the existing traffic, impact on it due to the project activities (prior to construction, during construction and at full site operation), carrying capacity of the existing roads and details of traffic management in and outside the project during construction and operation phase of the project.
3. Copy of permission obtained from Airports Authority of India for the proposed building height.
4. Layout plan showing provision of two separate gates for entry / exit.
5. Minimum fire water requirement for the proposed project based on the fire study.
6. Type of activities to be carried out in the proposed commercial units. Notarized 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.
7. 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.
8. E waste management plan.
9. 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.
10. Details on ventilation, lighting arrangements and CO sensors to be provided in the basements. Details on provision to be made for natural lighting & ventilation in the proposed commercial units.
11. Detailed plan for loading / unloading of goods, movement plan, space designated for it, parking area designated for trucks/tempo etc.

12. Details on common amenities like drinking water facility, sanitary blocks, first aid facilities etc. to be provided at each floor.

13. Details & plans showing floor wise emergency evacuation for the proposed project.

15.	Matrubhoomi Developers	Survey No. 394,F. P. No.66,O. P. No.66,T.P.S. No. 37, Thaltej, Ahmedabad

Details of the proposed project as presented before the committee is described below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project
2.	Type of Project	Commercial project
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)
4.	Name of the Project	Times Square Arcade
5.	Name of Project Proponent	M/s. Matrubhoomi Developers
6.	Estimated Project Cost (Rs. In Crores)	Rs. 67 Crores
7.	Whether construction work has been initiated at site? If yes, details thereof	Yes
8.	Project Details	• Land / Plot Area (m^2):- 6,224 m^2 • FSI area (m^2):- 24,727.1 m^2 • Total BUA (m^2):- 46,081.52 m^2
9.	Building Details	• No. of Buildings/ Block :- 1 • Scope of Buildings/Blocks:3 level basement + Ground Floor (H.P. & S.P) + 13 Floors • No. & size of Residential Units: --- • No. & Type of Commercial Units: 236 nos. of Shops & Offices • Details of Amenities if any: ---
10.	No. of expected residents / users	Fixed population considered for the project :- 1,180 Persons Floating population considered for the project: 2,360 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:- Soak pit system.

	Permissible	Proposed
FSI Area	24,896 m^2	24,727.1 m^2
Ground Coverage	Not Applicable	2,846.4m^2
Common Plot Area	622.4 m^2	626.6 m^2
Max. Building Height	45 m	44.84 m

<table>
<tr><td>12.</td><td>Water & waste water details during operation phase</td><td>

Total water requirement (KL/day): 112.0
Fresh water requirement (KL/day): 66.0
Source of water: water supply from Ahmedabad Municipal Corporation (AMC).
Waste water generation quantity (KL/day): 90
Mode of disposal: Sewage to be generated will be treated in the proposed onsite STP for grey sewage. Treated grey sewage will be used for gardening & flushing purpose and remaining quantity of treated grey sewage, if any, along with black sewage will be discharged into the drainage line of AMC.
In case of STP provision, capacity of STP: ---
STP Technology:---
Purposes for treated water utilization: Treated sewage will be utilized in gardening and flushing.
Quantity of treated water to be reused: 1. Gardening (KL/day): 2.0 KL/day, 2. Flushing (KL/day): 44.0 KL/day
Provision of dual plumbing system (Yes/No): Yes
Quantity and type (treated/untreated) of sewage to be discharged: Sewage to be generated will be treated in the proposed onsite STP for grey sewage. Treated grey sewage will be used for gardening & flushing purpose and remaining quantity of treated grey sewage, if any, along with black sewage will be discharged into the drainage line of AMC.
Mode of disposal: As above.

</td></tr>
<tr><td>13.</td><td>Status of water supply and drainage line</td><td>The existing water supply & drainage connection is adjacent to the project site and same will be available to the project after getting the B.U. permission.</td></tr>
<tr><td>14.</td><td>Solid Waste Management</td><td>Construction Phase:
<table>
<tr><th></th><th>Generation</th><th>Quantity to be reused</th><th>Mode of Disposal/Reuse</th></tr>
<tr><td>Top Soil</td><td>3,800 m^3</td><td>3,800 m^3</td><td>Development of greenbelt & levelling of low lying areas</td></tr>
<tr><td>Other Excavated Earth</td><td>15,200 m^3</td><td>15,200 m^3</td><td>Levelling of low lying areas and development of green belt area at proposed site itself.</td></tr>
<tr><td>Construction Debris</td><td>355 m^3</td><td>355 m^3</td><td>Levelling roads, pavements, plot filling, plinth filling etc.</td></tr>
<tr><td>Steel Scrap</td><td>1 MT</td><td>- -</td><td>To be sold to scarp dealer.</td></tr>
<tr><td>Discarded packing Materials/ Bags</td><td>1,15,000 Bags</td><td>- -</td><td>To be sold to authorized vendor.</td></tr>
</table>
Operation Phase:</td></tr>
</table>

<table>
<tr><td></td><td></td><td>
<table>
<tr><th>Type of waste</th><th>Generation Quantity (kg/day)</th><th>Mode of waste collection</th><th>Mode of Disposal / Reuse</th></tr>
<tr><td>Dry waste</td><td rowspan="2">550 kg/day</td><td rowspan="2">30 Nos. of bins of 80 litre capacity will be provided for collection of waste.</td><td rowspan="2">Will be regularly collected by AMC for disposal</td></tr>
<tr><td>Wet waste</td></tr>
<tr><td>STP Sludge</td><td>5 kg/day</td><td>The sludge generated from grey water treatment plant will be collected in HDPE bags.</td><td>Will be used as manure/soil conditioner in the greenbelt area within the premises itself.</td></tr>
</table>

Details of segregation if to be done: Not to be done
Capacity and no. of community bins to be placed within premises: Total 30 Nos. – each of 80 litre capacity
Landfill site where waste will be ultimately disposed by local authority: At the nearby MSW collection point of AMC.

</td></tr>
<tr><td>15.</td><td>Parking Details</td><td>

Total parking area requirement for the project as per GDCR: 12,363.54 m^2
Parking area requirement for commercial units as per GDCR: 12,363.54 m^2
Total number of CPS requirement for the project as per NBC: 989 CPS
Number of CPS requirement for commercial units as per NBC: 989 CPS
Total parking area provided (m^2) & No. of ECS: 29,301.5 m^2 & 945 CPS
Parking area provided in basement (m^2) & No. of ECS: 13,302.7 m^2 & 416 CPS
Parking area provided in hollow plinth (m^2) & No. of ECS: 412.9 m^2 & 15 CPS
Parking area provided as open surface (m^2) & No. of ECS: 515 m^2 & 44 CPS
Parking area provided (at any other place-specify) (m^2) & No. of ECS: 626.6 m^2 (common plot area) & 54 CPS.
Parking area provided as mechanical parking in basement (m^2) & No. of ECS: 13,302.7 m^2 & 416 CPS
Parking area provided as mechanical parking at open surface (m^2) & No. of ECS: 515 m^2 & 44 CPS
Parking area provided as mechanical parking in common open plot (m^2) & No. of ECS: 626.6 m^2 (common plot area) & 54 CPS.

</td></tr>
</table>

16.	Traffic Management	• Width of adjacent public roads: 30 m wide T.P.S. road in North direction of the project site. • Number of Entry & Exit provided on approach road/s: 2 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): At least 4.5 m • Width of all internal roads: 6 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, maximum use of Portland Pozzolona Cement (PPC) containing high amount of fly ash, , 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, water meter for each individual unit - to reduce water wastage, diffused water taps and twin flushing system will be used to reduce water consumption, solar lighting in common Sunlit areas, AAC blocks/ Fly ash bricks for masonry work, 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: 70 kW During Operation: 1.4 MW Source: M/s. Uttar Gujarat Vij Company Ltd. (UGVCL) • Energy saving by Non-conventional Methods: Use of solar lighting in common sunlit areas • Energy saving measures: 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, maximize the use of light and silent colours in the building envelope so that UV absorption is reduced and associated cooling requirements are minimized. • D.G. Sets: No. and capacity of the DG sets: 1 x 250 KVA.
19.	Fire and Life Safety Measures	• During Operation phase: Fire extinguishers, fire hydrant system, hose reels, down comers, manual alarm system, one underground fire water storage tank having 100 KL capacity, one overhead tank having 30 KL water storage capacity on each block. • 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

<table>
<tr><td></td><td></td><td>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, all electrical fittings / equipments used will meet the relevant IS standards etc.
• Nearest fire station is Bodakdev fire station approx. 2 km. Time required for the fire tender to reach at the project site is 10-15 minutes.</td></tr>
<tr><td>20.</td><td colspan="2">Details on staircase
<table><tr><th>No. of blds.</th><th>No. of Floors</th><th>Maximum Floor Area m^2</th><th>No. of Staircase</th><th>Width of the Staircase</th><th>Travel Distance</th></tr><tr><td>1</td><td>3 level basement + ground floor + 13 floors</td><td>2,087.0</td><td>2 staircases in 3 level basement, 3 staircases at ground to 3rd floor, 2 staircases at 3rd to 13th floors.</td><td>1.8 m - 2 m</td><td>28.5 m</td></tr></table></td></tr>
<tr><td>21.</td><td>Rain Water Harvesting (RWH)</td><td>• 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.</td></tr>
<tr><td>22.</td><td>Green area details</td><td>• Tree covered area (m^2) : 395
• Lawn covered area (m^2): --
• Total Green Area (m^2): 395
• Green Area % of plot area: 6.4 %
• No. of trees and species to be planted: 90 trees of local flora species such as Gulmohar, Kadam, Sevan, Badam, Jamun, Chickoo etc. will be preferred.</td></tr>
<tr><td>23.</td><td>Budgetary allocation for Environmental Management Plan
(Rs. in lacs)</td><td>Total Rs. 50 Lakhs has been allocated towards Environmental Management Plan specifically for purposes like rain water harvesting & ground water recharge, grey water treatment, water & energy conservation, greenbelt development and domestic waste management etc.</td></tr>
<tr><td>24.</td><td>Dust control measures</td><td>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.</td></tr>
</table>

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.	A copy of village form no. 7 has been submitted and it shows that the land of the project site admeasuring 6224.0 m2 is in the name of M/s Matrubhumi Developers.

During the meeting, It was found that they have initiated construction activity for the proposed project. It was clarified that as the project plan with built up area of 18,800.0 m^2 was approved by the Ahmedabad Municipal Corporation, which does not require to obtain Environmental Clearance under the EIA Notification- 2006., they have started construction activity for the project. Now they have decided to construct additional commercial units considering the favourable market condition by using additional FSI available to the project as the project site falls in Transit Oriented Zone. It was found that the parking area provision made for the project is not as per requirement of the NBC norms and further the provision of mechanical parking in open area and also in common open plot was not found convincing. Based on the project plans submitted by the project proponent, it was found that the travel distance from the farthest corner of the floor to the respective nearest staircase as well as travel distance between the two consecutive staircases will not be more than 30 m. it was presented that Mechanical air extractors for smoke venting which permit 30 air changes per hour in case of a fire or distress call, provision of ventilator openings each having a size of 0.5 m X 0.5 m for ventilation as well as natural skylight arrangement in the basement, CO sensors with an associated alarm system etc. will be provided in the basement parking area. After detailed discussion, it was decided to consider the project further only after satisfactory submission of the following:

1. Date wise chronology of events showing project plans approved by Ahmedabad Municipal Corporation, Rajachitthi obtained, date of starting construction activity, application made for obtaining Environmental Clearance, date on which the additional FSI available to the project with supporting documents etc.
2. Details of the construction work completed in terms of the percentage of the total construction area of the project.
3. 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.
4. Recent photographs showing the date and current status of the project site.
5. Details of the STP with size of each unit, its location on the plan and its adequacy. Provision of dual plumbing system for reuse of treated sewage for flushing. STP sludge management plan.
6. Revised details on parking area provision for the project as per the requirement of NBC norms. Details of mechanical parking to be provided, basement height, operation & maintenance of mechanical parking, feasibility of providing mechanical parking in open areas etc.
7. Explore the possibility of providing two separate ramps and revised plans showing location of both the ramps.
8. A notarized undertaking stating that any kind of manufacturing activity will not be allowed in the commercial units of the proposed project and any commercial unit will not be sold / allotted for storage of chemicals, flammable substances, explosives, fire crackers or any other material of

hazardous characteristics.

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. E waste management plan.
11. Detailed plan for loading / unloading of goods, movement plan, space designated for it, parking area designated for trucks/tempo etc.
12. Details on common amenities like drinking water facility, sanitary blocks, first aid facilities etc. to be provided at each floor.
13. Details on solar energy utilization for the proposed project and how much of the total energy requirement for the project will be compensated/reduced by the proposed energy conservation measures.
14. Details & plans showing floor wise emergency evacuation for the proposed project.

16.	Jasud Extrusions Pvt Ltd	S.P. No: 52+53+54, F.P. No: 229/A/1, TPS No: 1, Odhav, Ahmedabad

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

Sr. No.	Particulars	Details
1.	Proposal is for	New Project
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	Jasud Extrusions Pvt Ltd
6.	Estimated Project Cost (Rs. In Crores)	35 Crores
7.	Whether construction work has been initiated at site? If yes, details thereof	No
8.	Project Details	• Land / Plot Area (m^2): 7,333.13 • FSI area (m^2): 13,160.76 • Total BUA (m^2):25,746.53
9.	Building Details	• No. of Buildings:1

	Permissible	Proposed
FSI Area (m^2)	13,199.63	13,160.76
Ground Coverage (m^2)	NA	3,359.52
Common Plot Area (m^2)	733.3	1,642.06
Max. building height (m)	45	25

<table>
<tr><td></td><td></td><td>• No. of Blocks:1
• Scope of buildings/blocks: 2 level basement + ground floor + 4 floors.
• No.& size of Residential Units: NA
• No. & type of Commercial Units: 133 shops, 1000 seats in Multiplex and 100 seats in restaurant
• Details of amenities if any: No.</td></tr>
<tr><td>10.</td><td>No. of expected residents / users</td><td>1990 occupants and 300 visitors</td></tr>
<tr><td>11.</td><td>Water & waste water details during construction phase</td><td>• Water requirement (KL/day): 21.75
• Source of water: Local water tankers
• Waste water generation quantity (KL/day): 5.73
• Mode of disposal: Into septic tank
• Details of reuse of water, if any: No</td></tr>
<tr><td>12.</td><td>Water & waste water details during operation phase</td><td>• Fresh water requirement (KL/day):73.11
• Source of water: Water supply from Ahmedabad Municipal Corporation (AMC).
• Waste water generation quantity (KL/day):53.24
• Mode of disposal: Into drainage line of Ahmedabad Municipal Corporation (AMC).</td></tr>
<tr><td>13.</td><td>Status of water supply and drainage line</td><td>Available at site</td></tr>
<tr><td>14.</td><td>Solid waste Management</td><td>Construction Phase:
<table>
<tr><th></th><th>Generation (m^3)</th><th>Quantity to be reused (m^3)</th><th>Mode of Disposal / Reuse</th></tr>
<tr><td>Top Soil</td><td>2000</td><td>2000 will be completely used for greenbelt development</td><td>--</td></tr>
<tr><td>Other excavated earth</td><td>38.000</td><td>16,800 m^3 will be reused for back filling within premises.</td><td>Balance earth will be used in other project</td></tr>
<tr><td>Construction debris</td><td>250</td><td>150 m^3 will be used for road & plinth filling.</td><td>Balance debris will be handed over to AMC</td></tr>
<tr><td>Steel scrap</td><td>10</td><td>0</td><td>Sold to vendors</td></tr>
<tr><td>Discarded packing materials</td><td>8</td><td>0</td><td>Sold to vendors</td></tr>
</table>
Operation Phase:</td></tr>
</table>

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>Type of waste</td><td>Generation Quantity (Kg/day)</td><td>Mode of waste collection</td><td>Mode of Disposal / Reuse</td></tr>
<tr><td>Dry waste</td><td>210.8</td><td>White bins</td><td>Sold to vendors</td></tr>
<tr><td>Wet waste</td><td>316.2</td><td>Green Bins</td><td>Municipal bins</td></tr>
</table>
• Details of segregation if to be done: yes
• Capacity and no. of community bins to be placed within premises: 15 kg and 12 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 AMC.
</td></tr>
<tr><td>15.</td><td>Parking Details</td><td>
• Total parking area requirement for the project as per GDCR: 6,599.81 m^2
• Parking area requirement for Commercial units as per GDCR: 6,599.81 m^2
• Total number of CPS requirement for the project as per NBC :455
• Number of CPS requirement for commercial units as per NBC:335
• Number of CPS requirement for Multiplex: 100 CPS
• Number of CPS requirement for Restaurant : 20 CPS
• Total Parking area provided (m^2) & No. of CPS: 15,474.36 & 491 CPS
• Parking area provided in basement (m^2) & No. of CPS: 9,816.24 & 306 CPS
• Parking area provided as open surface (m^2) & No. of CPS:750 & 32 CPS
• Parking area provided (at any other place-specify) (m^2) & No. of CPS: Mechanical 4,908.12 & 32 CPS.
</td></tr>
<tr><td>16.</td><td>Traffic Management</td><td>
• Width of adjacent public roads: 18 m and 30 m wide roads.
• Number of Entry & Exit provided on approach road/s: 4 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): 4.5 m
• Width of all internal roads: 6.0 m and 4.5 m
</td></tr>
<tr><td>17.</td><td>Details of Green Building measures proposed.</td><td>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- 8 numbers of solar lighting, roof-top thermal insulation, rain water harvesting & ground water recharge through 2 nos. of percolating wells etc.</td></tr>
<tr><td>18.</td><td>Energy Requirement, Source and Conservation</td><td>
• Power supply:
Maximum demand: 1000 KVA
Connected load: 1200 KVA
• Source: Torrent Power Limited
• % of saving with calculations: ~40% by use of LEDs, 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
</td></tr>
</table>

<table>
<tr><td></td><td></td><td>• DG Sets:
No. and capacity of the DG sets:2 X 125 KVA
Fuel & its quantity: HSD, 50 litre/hr</td></tr>
<tr><td>19.</td><td>Fire and Life Safety Measures</td><td>• 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: Fire extinguishers, hose reel, manually operated electric fire alarm system, wet riser, automatic sprinkler system in basement & multiplex, 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.</td></tr>
<tr><td>20.</td><td colspan="2">Details on staircase
<table>
<tr><th>Type & no. of buildings</th><th>No. of floors</th><th>Floor area m^2</th><th>No. of staircase</th><th>Width of the staircase (m)</th><th>Travel distance (m)</th></tr>
<tr><td>Commercial</td><td>G + 4</td><td>3,145.91</td><td>5</td><td>2.0</td><td><30</td></tr>
</table></td></tr>
<tr><td>21.</td><td>Rain Water Harvesting (RWH)</td><td>• 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 nos
• Details on Pre-treatment facilities : oil and grease removal and filter.</td></tr>
<tr><td>22.</td><td>Green area details</td><td>• Tree covered area (m^2) :600
• Area covered by shrubs and bushes (m^2):400
• Lawn covered area (m^2):642.06
• Total Green Area (m^2):1642.06
• Green Area % of plot area: 10%
• No. of trees and species to be planted: 110 number of trees and Limbdo, KaadoSiris, Jambu, Asopalav, DesiBadam and Gulmohar</td></tr>
<tr><td>23.</td><td>Dust control measures</td><td>Spraying of water, peripheral barricading, covered shed for cement loading area, covering the excavated earth with tarpaulin sheet etc.</td></tr>
<tr><td>24.</td><td>Budgetary allocation for Environmental Management Plan
(Rs. in lacs)</td><td>Allocation of Rs.13.5 lacs & Rs.7.5 lacs as capital cost & recurring cost respectively has been made for EMP & EMS.</td></tr>
<tr><td>25.</td><td>Details of ecofriendly building materials</td><td>Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC, lead free paints etc.</td></tr>
</table>

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.	Copy of village form no. 7 submitted by them shows that the land admeasuring 7573.0 m2 of the project site for commercial use is in the name of Jasud Extrusions Pvt. Ltd.

During the meeting, it was presented that the nearest TSDF site is at a distance of 1.34 km from the project site. It was also presented that the basement car parking will be provided with mechanical ventilation system exhaust and designed with negative air pressure to ensure 12 air changes per hour during normal mode and 30 air changes per hour during fire mode in accordance with NBC. Carbone monoxide sensors will be provided in basement and the speed of the fans will be automatically adjusted in way that when the concentration exceeds 25 ppm the fans will run at maximum speed and when the concentration is below 9 ppm the fans will be operated at lower speed. Combination of duct and ductless jet nozzle fan system will be adopted to push and pull the air in the car park areas from the intake point to the discharge point. Traffic survey carried out on 30 m wide adjacent road shows that the road having carrying capacity of 2800 PCU/hr will be adequate enough to cater the total traffic load of 1602 PCU in the proposed scenario. After detailed discussion, it was decided to appraise the project only after submission of the following:

1. A notarized undertaking stating that 1. Any kind of manufacturing activity will not be allowed in the commercial units of the proposed project and any commercial unit will not be sold / allotted for storage of chemicals, flammable substances, explosives, fire crackers or any other material of hazardous characteristics and 2. There shall not be any borewell within premises.
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. Details on common amenities like drinking water facility, sanitary blocks, first aid facilities etc. to be provided at each floor.
4. Detailed plan for loading / unloading of goods, movement plan, space designated for it, parking area designated for trucks/tempo etc.
5. 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.
6. E waste management plan.

17.	Jay Maharaj Developers	Block No: 166,167, FP No: 88,89, TP S. No: 6, Kudasan, Gandhinagar.

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

Sr. No.	Particulars	Details
1.	Proposal is for	New Project [SIA/GJ/NCP/56796/2016]
2.	Type of Project	Commercial
3.	Project /	8(a) - Building and construction projects; Category: B

<table>
<tr><td></td><td>Activity No. [8(a) or 8(b)]</td><td></td></tr>
<tr><td>4.</td><td>Name of the project</td><td>Vrundavan Trade Centre</td></tr>
<tr><td>5.</td><td>Name of Developer</td><td>Jay Maharaj Deveiopers</td></tr>
<tr><td>6.</td><td>Estimated Project Cost (Rs. In Crores)</td><td>40 Crore</td></tr>
<tr><td>7.</td><td>Whether construction work has been initiated at site? If yes, details thereof</td><td>No</td></tr>
<tr><td>8.</td><td>Project Details</td><td>• Land / Plot Area (m^2): 7,961.0
• FSI area (m^2): 17,870.44
• Total BUA (m^2): 33,163.19
<table><tr><td></td><td>Permissible</td><td>Proposed</td></tr><tr><td>FSI Area (m^2)</td><td>17,912.25</td><td>17,870.44</td></tr><tr><td>Ground Coverage (m^2)</td><td>---</td><td>3,321.14</td></tr><tr><td>Common Plot Area (m^2)</td><td>796.1</td><td>936.47</td></tr><tr><td>Max. building height (m)</td><td>45</td><td>24</td></tr></table></td></tr>
<tr><td>9.</td><td>Building Details</td><td>• No. of Buildings: 4 Nos.
• No. of Blocks: 4
• Scope of buildings/blocks: 3 buildings - 2 level basement + Ground floor + 6 floors, 1 building - 2 level basement + hollow plinth + 5 floors
• No. of commercial units: 314 shops.</td></tr>
<tr><td>10.</td><td>No. of expected residents / users</td><td>2214 nos. Commercial Users</td></tr>
<tr><td>11.</td><td>Water & waste water details during construction phase</td><td>• Water requirement (KL/day): 50.0
• Source of water: Local water tankers
• Waste water generation quantity (KL/day): 1.20
• Mode of disposal: Onsite Sanitation facilities (Septic tank/ Soak Pit) will be provided during the construction phase</td></tr>
<tr><td>12.</td><td>Water & waste water details during operation phase</td><td>• Fresh water requirement (KL/day): 67.0
• Source of water: Water supply from Gandhinagar Urban Development Authority (GUDA).
• Waste water generation quantity (KL/day): 52.0
• Mode of disposal: Into drainage line of Gandhinagar Urban Development Authority (GUDA).</td></tr>
<tr><td>13.</td><td>Status of water supply and drainage line</td><td>Water Supply and Underground Sewer line of GUDA will be available at project site after completion of the construction phase of the project.</td></tr>
<tr><td>14.</td><td>Solid waste Management</td><td>Construction Phase:</td></tr>
</table>

		<table><tr><td></td><td>Generation (m^3)</td><td>Quantity to be reused (m^3)</td><td>Mode of Disposal / Reuse</td></tr><tr><td>Top Soil</td><td>54,000</td><td>30,000</td><td rowspan="3">Excavated surplus earth and construction debris will be refilled at low lying areas in the project premises, will be used for back filling, plinth filling, as internal road sub base and top soil will be used for development of greenbelt.</td></tr><tr><td>Other excavated earth</td><td></td><td></td></tr><tr><td>Construction debris</td><td>50</td><td>50</td></tr><tr><td>Steel scrap</td><td>4.0 MT</td><td>---</td><td>Will be sold to recycler/vendors</td></tr><tr><td>Discarded packing materials</td><td>0.5 MT</td><td>--</td><td>Will be sold to recycler/vendors</td></tr></table> Operation Phase: <table><tr><td>Type of waste</td><td>Generation Quantity (Kg/day)</td><td>Mode of waste collection</td><td>Mode of Disposal / Reuse</td></tr><tr><td>Dry waste Wet waste</td><td>500 Kg</td><td>Into bins to be provided for waste collection.</td><td>Recyclable waste will be sold to recyclers and biodegradable waste will be collected & disposed through GUDA.</td></tr></table> • Details of segregation if to be done: The solid wastes to be generated will be segregated into biodegradable and recyclable wastes and collected in separate bins. • Capacity and no. of community bins to be placed within premises: 80 liter each; 45 nos. of bins; • Landfill site where waste will be ultimately disposed by local authority: At the nearest waste collection point of GUDA.
15.	Parking Details	• Total parking area requirement for the project as per GDCR: 8,935.22 m^2 • Parking area requirement for commercial units as per GDCR: 8,935.22 m^2 • Total number of CPS requirement for the project as per NBC: 357 nos. • Number of CPS requirement for commercial units as per NBC: 357 nos. • Total Parking area provided (m^2) & No. of CPS: 13,179.0 m^2, 433 nos. • Parking area provided in basement (m^2) & No. of CPS: 11,400.0 m^2, 356 nos.

<table>
<tr><td></td><td></td><td>• Parking area provided as open surface (m^2) & No. of CPS: 1779.08 m^2, 67 nos.</td></tr>
<tr><td>16.</td><td>Traffic Management</td><td>• Width of adjacent public roads: 30 m & 18 m wide roads
• 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): 3.5
• Width of all internal roads: 9 m</td></tr>
<tr><td>17.</td><td>Details of Green Building measures proposed.</td><td>Maximum utilization of natural light, CFL & LED lighting fixtures in common areas, rain water harvesting & ground water recharge etc.</td></tr>
<tr><td>18.</td><td>Energy Requirement, Source and Conservation</td><td>• Power supply
Maximum demand: 3210 KVA
Connected load: --
• Source: Torrent Power Limited.
• Energy saving measures: Maximum utilization of natural light, CFL & LED lighting fixtures in common areas etc.
• DG Sets:
No. and capacity of the DG sets: 2 x 50 KVA
Fuel & its quantity: Diesel, 12 Lit./hr.</td></tr>
<tr><td>19.</td><td>Fire and Life Safety Measures</td><td>• Fire extinguishers & hose reel at each floor, down comer, wet riser & yard hydrant, automatic sprinkler system in basement, manually operated electric fire alarm system, underground water tank of 1000 KL capacity for each building, terrace water tank of 40 KL on each building block etc.
• Nearest fire station: Gandhinagar fire station.
Distance from the project site: approximate at about 5 km.
Time required by the fire tender to reach the project site: 8-10 minutes.</td></tr>
<tr><td>20.</td><td colspan="2">Details on staircase
<table>
<tr><th>Name of Building</th><th>No. of floors</th><th>Floor area</th><th>No. of staircase</th><th>Width of the staircase (m)</th><th>Travel distance (m)</th></tr>
<tr><td>A</td><td>2B+G+6</td><td>491.84</td><td>1</td><td>2.0</td><td>27</td></tr>
<tr><td>B</td><td>2B+G+6</td><td>583.52</td><td>1</td><td>2.0</td><td>27</td></tr>
<tr><td>C</td><td>2B+G+6</td><td>521.56</td><td>2</td><td>2.0</td><td>27</td></tr>
<tr><td>D</td><td>2B+H.P.+5</td><td>778.82</td><td>1</td><td>2.0</td><td>24</td></tr>
</table></td></tr>
<tr><td>21.</td><td>Rain Water Harvesting (RWH)</td><td>• No. and depth of percolations wells : 3nos.,
• Details on Pre-treatment facilities : Gravity filter, MOC: PE.</td></tr>
<tr><td>22.</td><td>Green area details</td><td>• Total Green Area (m^2):936.47 m^2
• Green Area % of plot area: 11%
• No. of trees and species to be planted: 120 nos. of trees of local flora species will be planted all along the boundary of the project site & on the boundaries of the common open plots.</td></tr>
</table>

<table>
<tr><td>23.</td><td>Budgetary allocation for Environmental Management Plan
(Rs. in lacs)</td><td>
<table>
<tr><th>Sr. No.</th><th>Description</th><th>Capital Cost (Rs. In Lacs)</th></tr>
<tr><td>1</td><td>Landscaping</td><td>20 Lacs</td></tr>
<tr><td>2</td><td>Groundwater Recharge Structure</td><td>6 Lacs</td></tr>
<tr><td>3</td><td>Solar Energy Utilization</td><td>5 lacs</td></tr>
<tr><td>4</td><td>Energy Efficient Lighting</td><td>2 lacs</td></tr>
<tr><td>5</td><td>Solid Waste Management</td><td>3 lacs</td></tr>
<tr><td>6</td><td>Monitoring of Air, Water, Noise & Soil</td><td>0.25 lacs</td></tr>
<tr><td colspan="2">Total</td><td>36.25 Lacs</td></tr>
</table>
</td></tr>
<tr><td>24.</td><td>Proposed dust control measures during the construction phase</td><td>Barricading the project site (3m height), water sprinkling, covering the building materials with the tarpaulin sheet etc.</td></tr>
<tr><td>25.</td><td>Eco friendly building material usage details.</td><td>Fly ash bricks, Fly ash paver blocks, fly ash blended concrete blocks etc. will be used.</td></tr>
<tr><td>26.</td><td>Amenities for the construction workers.</td><td>Sanitation facilities, drinking water, municipal solid waste collection facility, PPEs, welfare facilities as per the requirement of Gujarat Building & Other Construction Workers Rules etc.</td></tr>
<tr><td>27.</td><td>Documents related to land possession.</td><td>N.A order for F.P.No.89 submitted by them shows that the land for residential use is in the name of land owners. Village form no. 6 submitted shows that the land has been converted for commercial use. The land owners have made sale deed, registered with Sub-Registrar Gandhinagar, with Jay Maharaj Developers through its partners including the applicant. N.A order for F.P.No. 88 submitted by them shows that the land for residential use is in the name of land owners.</td></tr>
</table>

During the meeting, it was found that the opinion from Fire & Emergency Services, Gandhinagar has been obtained for the fire fighting installations for the proposed project. It was also presented that Natural ventilation in the form of air cut outs, mechanical ventilation system (exhaust fans) with CO sensors and LED lighting will be provided in basements. Designated space will be provided for loading & unloading activities at open surface level. The project proponent has undertaken that any kind of manufacturing activity will not be allowed in the commercial units of the proposed project and any commercial unit will not be sold / allotted for storage of chemicals, flammable substances, explosives, fire crackers or any other material of hazardous characteristics. The project proponent was suggested to provide two nos. of staircases in the buildings having floor area more than 500 m^2. It was found that the travel distance to the nearest staircase from the farthest corner of the floor will be less than 30 m based on the typical floor plans submitted for all the buildings. During the meeting after detailed discussion, it was decided to consider the project only after submission of the following:

1. Documents related to land possession showing ownership of the land of F.P.No. 88 by the project proponent.
2. Provision of two staircases in the buildings having floor area more than 500 m^2.

3. Type of activities to be carried out in the proposed commercial units. Notarized 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.

18.	Parmeshwar – 7	Survey No.36,Sub Plot No. 1+2/2 of F. P. No.135,O. P. No.135,D.T. P.S. No. 65,Jagatpur,Ghatlodiya, Ahmedabad

Details of the proposed project as presented before the committee is described below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project [SIA/GJ/NCP/56896/2016]
2.	Type of Project	Residential project
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)
4.	Name of the Project	Parmeshwar – 7
5.	Name of Project Proponent	M/s. Devkinandan Developers
6.	Estimated Project Cost (Rs. In Crores)	Rs. 37 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):- 4,504 m^2 • FSI area (m^2):- 12,160.21 m^2 • Total BUA (m^2):- 21,310 m^2
9.	Building Details	• No. of Buildings:3 • No. of Blocks:6 • Scope of buildings/blocks: basement + hollow plinth + 7 floors. • No.& size of Residential Units: 168 flats • No. & type of Commercial Units: --- • Details of amenities if any: No.
10.	No. of expected residents / users	Fixed population considered for the project :- 840 Persons Floating population considered for the project: 504 Persons/Day.

	Permissible	Proposed
FSI Area (m^2)	12,160.80	12,160.21
Ground Coverage (m^2)	---	2,184
Common Plot Area (m^2)	450.4	463.64
Max. Building Height (m)	45	24.40

<table>
<tr><td>11.</td><td>Water & waste water details during construction phase</td><td>• Water requirement (KL/day):- 15
• Source of water:- Local water tanker suppliers
• Waste water generation quantity (KL/day):- 6
• Mode of disposal:- Soak pit system.</td></tr>
<tr><td>12.</td><td>Water & waste water details during operation phase</td><td>• Fresh water requirement (KL/day):- 129
• Source of water: water supply system of Ahmedabad Municipal Corporation (AMC)
• Waste water generation quantity (KL/day): 101
• Mode of disposal:- Into AMC drainage system.</td></tr>
<tr><td>13.</td><td>Status of water supply and drainage line</td><td>The existing water supply & drainage connection is adjacent to the project site and same will be available to the project after getting the B.U. permission.</td></tr>
<tr><td>14.</td><td>Solid Waste Management</td><td>Construction Phase:
<table>
<tr><th></th><th>Generation</th><th>Quantity to be reused</th><th>Mode of Disposal/Reuse</th></tr>
<tr><td>Top Soil</td><td>2,265 m^3</td><td>2,265 m^3</td><td>Development of greenbelt & levelling of low lying areas</td></tr>
<tr><td>Other Excavated Earth</td><td>9,060 m^3</td><td>9,060 m^3</td><td>Levelling of low lying areas and development of green belt area at proposed site itself.</td></tr>
<tr><td>Construction Debris</td><td>255 m^3</td><td>255 m^3</td><td>Levelling roads, pavements, plot filling, plinth filling etc.</td></tr>
<tr><td>Steel Scrap</td><td>0.9 MT</td><td>--</td><td>To be sold to scarp dealer.</td></tr>
<tr><td>Discarded packing Materials/ Bags</td><td>95,000 Bags</td><td>--</td><td>To be sold to authorized vendor.</td></tr>
</table>
Operation Phase:
<table>
<tr><th>Type of waste</th><th>Generation Quantity (kg/day)</th><th>Mode of waste collection</th><th>Mode of Disposal / Reuse</th></tr>
<tr><td>Dry waste</td><td rowspan="2">420 kg/day</td><td rowspan="2">21 Nos. of bins of 80 litre capacity will be provided for collection of waste.</td><td rowspan="2">Will be regularly collected by AMC for disposal</td></tr>
<tr><td>Wet waste</td></tr>
</table></td></tr>
</table>

		• Details of segregation if to be done: Not to be done • Capacity and no. of community bins to be placed within premises: Total 21 Nos. – each of 80 litre capacity • Landfill site where waste will be ultimately disposed by local authority: at the nearby MSW collection point of AMC.
15.	Parking Details	• Total parking area requirement for the project as per GDCR: 2,432 m^2 • Parking area requirement for residential units as per GDCR: 2,432 m^2 • Total number of CPS requirement for the project as per NBC: 168 CPS • Number of CPS requirement for residential units as per NBC: 168 CPS • Total parking area provided (m^2) & No. of ECS: 5,103 m^2 & 170 CPS • Parking area provided in basement (m^2) & No. of ECS: 3,126 m^2 & 98 CPS • Parking area provided in hollow plinth (m^2) & No. of ECS: 1,745 m^2 & 62 CPS • Parking area provided (at any other place - specify) (m^2) & No. of ECS: 232 m^2 (50 % of common plot area) & 10 CPS.
16.	Traffic Management	• Width of adjacent public roads: 24 m wide T.P.S. road in West direction of the project site • Number of Entry & Exit provided on approach road/s: One gate 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): At least 3 m • Width of all internal roads: 7.5 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, maximum use of Portland Pozzolona Cement (PPC) containing high amount of fly ash, , PVC electrical boards, aluminium window frame & marble door frame instead of wood, rainwater harvesting by recharging the ground water table with provision for 3 percolation wells, maximize the use of light colours in the building envelope - to reduce heat absorption and associated cooling requirements, water meter for each individual unit - to reduce water wastage, diffused water taps and twin flushing system will be used to reduce water consumption etc.
18.	Energy Requirement, Source and Conservation	• Power supply: Maximum demand: During Construction: 50 kW During Operation: 1 MW Source: M/s. Uttar Gujarat Vij Company Ltd. (UGVCL) • Energy saving by Non-conventional Methods: Use of solar lighting in

<table>
<tr><td></td><td></td><td>common sunlit areas
• Energy saving measures: 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, maximize the use of light and silent colours in the building envelope so that UV absorption is reduced and associated cooling requirements are minimized.
• D.G. Sets:
No. and capacity of the DG sets: 2 x 50 KVA.</td></tr>
<tr><td>19.</td><td>Fire and Life Safety Measures</td><td>• During Operation phase: Fire extinguishers, fire hydrant system, hose reels, down comers, manual alarm system, one underground fire water storage tank having 75 KL capacity, one overhead tank having 15 KL water storage capacity on each block.
• 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, all electrical fittings / equipments used will meet the relevant IS standards etc.
• Nearest fire station is Sabarmati fire station approx. 5 km. Time required for the fire tender to reach at the project site is 15-20 minutes.</td></tr>
<tr><td>20.</td><td colspan="2">Details on staircase
<table><tr><th>Type & No. of Buildings</th><th>No. of Floors</th><th>Floor Area m²</th><th>No. of Staircase</th><th>Width of the Staircase</th><th>Travel Distance</th></tr><tr><td>6 blocks</td><td>B+ H. P. + 7</td><td>297.5</td><td>1</td><td>1.5 m</td><td>16 m</td></tr></table></td></tr>
<tr><td>21.</td><td>Rain Water Harvesting (RWH)</td><td>• 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.</td></tr>
</table>

22.	Green area details	• Tree covered area (m^2) : 367 • Lawn covered area (m^2): 190 • Total Green Area (m^2): 557 • Green Area % of plot area: 12.4 % • No. of trees and species to be planted: 68 trees of • local flora species such as Gulmohar, Asopalav, Badam, Jamun, Chickoo etc. will be preferred.
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Total Rs. 10 Lakhs has been allocated towards Environmental Management Plan specifically for purposes like rain water harvesting & ground water recharge, water & energy conservation, greenbelt development and domestic waste management etc.
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. 7 submitted by them shows that the land for residential use is in the name of M/s Devkinandan Developers, a partnership firm.

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

The following project proponents were informed vide this office letter dated 07/07/2016 to submit the information within 30 days which was sought during the meeting of SEAC held on the date mentioned in the 4th column against the name & address of the project and it was also informed that failing to submission of the information within thirty days, the proposal shall be considered as delisted without any prior intimation. The committee is not in the receipt of the desired information from the following project proponents and hence it was decided to delist the proposals from the list of applications pending with SEAC and to close the files of these proposals.

Sr. No.	Project name	Address	Date of Meeting
1.	Residential project by Mr. Rameshbhai M. Amin.	S.No. 222/1,216/8,216/11/1,216/12, 216/9, 216/13, 216/15, O.P.No.459+475, F.P.No.459+475, D.T.P.S.No.29, Naranpura, Ahmedabad.	16.12.2015

2.	Residential project with essential shops by M/s Shree Sidhhi Infrabuild Ltd.	S.No.177 & 178, F.P.No.11, T.P.S.No.35, Jagatpur, Dascroi, Ahmedabad.	27.01.2016
3.	Swastik Textile Market	B.No.102,O.P.No.14,F.P.No.21/1, T.P.S.No. 19 (Parvat Magob), Ta: Choryasi, Dist: Surat.	27.01.2016
4.	Ambika Dreams	B.No. 139, F.P.No. 124/C/P, Sub Plot No. 2 & 3, O.P.No. 124, . T.P.S.No.69 (Godadara-Dindoli), Moje: Dindoli, Ta: Choryasi, Dist: Surat.	27.01.2016

19	SIA/GJ/IND2/56712/2016	**M/s: Divine Polymers ,** Plot no.2,NilkanthIndustrialEstate, Dhanot, Ta-Kalol,DIst-Gandhinagar.	Appraisal

Project / Activity No.: 5(f)

Project status: New

Chronology of EC Process:

- This office has received an application vide online proposal no. SIA/GJ/IND2/56712/2016 dated 25/06/2016 along with additional details sought regarding grant of Environmental Clearance.
- The location of the unit is outside the notified area. As per amendment to EIA Notification, 2006 vide SO 1599 (E) dated 25.06.2014, small units are categorized as Category “B” projects. Small units are defined as with water consumption less than 25 M3/day; Fuel consumption less than 25 TPD; and not covered in the category of MAH units as per the Management, Storage, Import of Hazardous Chemical Rules (MSIHC Rules), 1989.
- Earlier, the project proponent was called for brief presentation and discussion in the meeting of the SEAC held on 25/02/2016.
- During presentation, PP informed that water requirement is 7.5 KL/day. Fuel requirement is less than 25 MT/day and Chemicals to be used are not covered in MAH category. Hence, the proposed project falls under Category B of project activity 5(f) as per the EIA Notification 2006.
- Looking to the small scale of the project, low pollution potential and the details presented during the meeting, after detailed discussion, the project was categorized as B2 and additional information was sought from the project proponent for appraisal of the project:

Project / Activity Details:

This is a new unit proposes the manufacturing of following items.

No.	**Name of the Products**	**Quantity (MT/Month)**
01	Epoxy Liquid Resin (DP- 023)	30.0
	Epoxy Liquid Resin (DP- 030)	4.0
	Epoxy Liquid Resin (DP- 047)	3.0

	Epoxy Liquid Resin (DP- 017)	6.0
	Epoxy Liquid Resin (DP- 020) (55% Solid contents)	40.0
	Epoxy Liquid Resin (DP- 014) (Plasticizer)	10.0
02	Epoxy Solid Resin	10.0
03	Epoxy Solid Resin 75 %	10.0
04	Epoxy Paste	5.0
05	Epoxy Resin (Pre Field)	5.0
06	Epoxy Hardener (Pre Field)	5.0
07	Epoxy Liquid Hardener (DP- 295)	6.0
	Epoxy Liquid Hardener (DP- 905)	5.0
	Epoxy Liquid Hardener (DP- 300)	10.0
08	Epoxy Liquid Hardener Reactive Polumide	80.0
09	Epoxy Liquid Hardener Adduct Product	20.0
10	Non Reactive Polyamide	5.0
11	Alklyd Resin	15.0
12	HHPA	10.0
13	Epoxy Diluents	40.0
13	Acrylics Polyols	40.0
15	M.F. Resin (Butylated Amino Resin)	40.0
	Total	**399.0**

Total plot area is 2218 sq. m & unit has proposed 600 sq mtr area for the green belt development/Tree plantation. Expected project cost is Rs.2.40 Crores. Total water consumption for proposed project will be 7.5 KL/day (2 KL for Domestic, 3 KL for Gardening & 2.5 KL for Industrial) which will be sourced through Tankers. Industrial waste water generation will be 2.57 KL/day, which will be treated in proposed ETP followed by Evaporator to achieve zero discharge. Domestic waste water (1.5 KL/day) will be disposed off in to soak pit system. It is proposed to install two TFH (2 Lac Kcal/hr each). LDO (20 Lit./hr for each TFH) will be used as fuel for TFHs. Unit has proposed one DG set (250 KVA) in which HSD (10 ltrs/hr) will be used as fuel. No process gas emission is envisaged. Hazardous waste generated from the manufacturing activity will be ETP sludge and evaporation residue (1.5 MT/Year), Discarded containers/Bags/Liners (4 MT/Year) and used oil (10 Lit./Year). ETP waste & evaporation residue will be disposed off at the nearby common TSDF. Discarded barrels / containers / bags / liners will be either reused or returned back to suppliers or sold only to the authorized recyclers. Used oil will be sold only to the registered recyclers.

Observations & Discussions:

During the meeting, Committee observed that PP has made presentation covering all the additional details sought. While discussing about the storage of various chemicals like Toluene, IPA, Xylene etc., PP informed that these raw materials will be stored in Barrels only. No storage tanks will be required for storage of the raw materials. Committee observed that there is no discharge of waste water from the premises and zero liquid discharge status will be maintained. Committee was satisfied with the

reply submitted by project proponent. After deliberations on various aspects, the committee decided to recommend the project to SEIAA, Gujarat for the grant of Environmental Clearance.

20	SIA/GJ/IND2/16555/2016	**M/s: Europa Foams Pvt. Ltd.,** Survey No. 168/2, P. No. 11, Kuwadva, Wankaner Road, Sanosara, Rajkot.	Appraisal

Project / Activity No.: 5(f)

Project status: New

Chronology of EC Process:

- This office has received an application vide online proposal no. SIA/GJ/IND2/34711/2015 dated 17/06/2016 along with additional details sought regarding grant of Environmental Clearance.
- The location of the unit is outside the notified area. As per amendment to EIA Notification, 2006 vide SO 1599 (E) dated 25.06.2014, small units are categorized as Category "B" projects. Small units are defined as with water consumption less than 25 M3/day; Fuel consumption less than 25 TPD; and not covered in the category of MAH units as per the Management, Storage, Import of Hazardous Chemical Rules (MSIHC Rules), 1989.
- Earlier, the project proponent was called for brief presentation and discussion in the meeting of the SEAC held on 27/04/2016.
- During presentation, PP informed that water requirement is 4.3 KL/day. Fuel requirement is 15 ltrs/hr (<25 MT/day) and Chemicals to be used are not covered in MAH category. Hence, the proposed project falls under Category B of project activity 5(f) as per the EIA Notification 2006.
- During the meeting dated 27/04/2016, upon asking about storage and handling details of TDI, PP informed that monthly consumption of TDI is 52 MT and they will store less quantity of TDI then the threshold limit for MAH unit. Further PP assured that they will submit undertaking in this regard. However committee asked to provide strict engineering controls and personal protective equipments for the workers during handling of TDI.
- Looking to the small scale of the project, low pollution potential and the details presented during the meeting, after detailed discussion, the project was categorized as B2 and additional information was sought from the project proponent for appraisal of the project:

Project / Activity Details:

This is a new project proposes the manufacturing of following Synthetic Organic Chemical.

Sr. No.	Products Name	Production Capacity (MT/Month)
1.	Polyurethane Foam (PU) Foam	200

The project falls under project activity 5(f) as per the schedule of EIA Notification 2006.

Total plot area is 7119.34 sq. m. Unit has proposed 2212 sq. m area for the green belt development/ Tree plantation. Expected project cost is Rs. 4.9 Crores. Aerial distance of the nearest residential area of Village Sanosara is @ 2.4 km. It is reported that no National park/sanctuary or ecologically sensitive area is located within 10 km distance. Total water consumption for proposed project will be 4.3 KL/day (3.5 KL/Day for Domestic & Gardening and 0.8 KL/Day for industrial) which will be sourced from Bore Well. Industrial waste water generation will be NIL. Domestic waste water generation will be 0.4 KL/Day which shall be disposed through soak pit system. No process gas / flue gas emissions are envisaged. Unit is proposed to install one D.G. Set of 125 KVA and HSD (15 Lit/hour) will be used as fuel for D.G. Set. The Hazardous waste to be generated from the manufacturing activity will be used oil/spent oil and reused for lubrication of machineries in unit.Hazardous wastes to be generated are Discarded containers (0.5 MT/Year) and Used Oil (0.02 MT/Year). Discarded barrels / containers / bags / liners will either be reused or returned back to suppliers or sold only to the authorized vendors. Used oil will be sold only to the registered recyclers.

Observations & Discussions:

During the meeting, Committee observed that PP has made presentation covering all the additional details sought. While discussing about applicability of MAH unit with regard to storage of Toluene Di Isocynate (TDI), PP informed that the maximum storage of TDI will be 8 MT as the maximum TDI consumption is 52 MT/Month and maximum daily consumption will be @ 2.5 MT. Committee noted that there is no generation of industrial waste water and no flue gas / process gas emission from the manufacturing activities. Committee was satisfied with the reply submitted by project proponent. After deliberations on various aspects, the committee decided to recommend the project to SEIAA, Gujarat for the grant of Environmental Clearance.

Meeting ended with thanks to the Chair and the Members.

Minutes approved by:

Sr. No.	Name & Designation	Sign.
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 Rajesh I Shah, SEAC	
6.	Shri Hardik Shah,IAS, Secretary, SEAC	