Ritnand Balved Education Foundation

(An Umbrella Organisation of Amity Educational Institutions)

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Date: 19.02.2025

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To,
The Additional Director,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
Bays Nos. 24-25, Sector 31 A,
Dakshin Marg, Chandigarh-160030
(Mail id: eccompliance-nro@gov.in and ronz.chd-mef@nic.in)

Subject: Submission of compliance report for the 109 conditions under MoEF&CC Office Memorandum dated 09 June 2015 for period April, 2024 to September, 2024 for our Educational project namely "Amity University located at Block D, Sector 82 Alpha, LT. City, Distt. SAS Nagar (Mohali), Punjab.

Respected Sir,

As per the Notification No S.O. 1252(E) dated 22nd December 2014, the MoEF&CC has exempted School, College, Universities & Hostel for Educational Institution from obtaining prior Environment Clearance under the provisions of the EIA Notification, 2006 subject to Sustainable Environmental Management

Therefore, we are hereby submitting compliance report of 109 conditions as per the MoEF&CC Office Memorandum dated 09th June 2015 for period of April, 2024 to September, 2024 i.e. 1/04/2024 to 30/09/2024 for the above said project through mail for your perusal.

Kindly acknowledge the receipt of the same.

Thanking you

Yours Sincerely
For M/s Ritnand Balved Education Foundation

(Authorized signatory)
Name- Ashish Kumar Singh
Designation Director-PMCD
Contact No. – 8427277442
Email: ssaini@chd.amity.edu

Copy To:

1. Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, Punjab.
2. Member Secretary, State Environment Impact Assessment Authority (SEIAA), PBTI Complex, Knowledge City, Sector-81, Mohali-140306
3. Environmental Engineer, Regional office, Plot No. 55, Opp. Bassi Theatre, Phase-II, Mohali, 160055.

POINT-WISE SIX MONTHLY COMPLIANCE OF THE 109 CONDITIONS UNDER MoEF&CC

(Period of April 2024 to September 2024)

Submitted For :-

"AMITY UNIVERSITY"

Located at Block-D, Sector 82, Alpha, I.T. City, SASNagar, Punjab

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Annexure -2	Ambient Air Quality, Soil testing, Noise Level, D.G. Set and Waste Water Testing Report
Annexure -3	RO Plant and Water Softening Plant bill
Annexure -4	STP installation certificate as well as Dimensional Drawing
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Annexure -7	Approved Layout Plan

Ministry of Environment, Forest and Climate Change
Northern Region Office
Chandigarh-160030

DETAILS OF THE PROJECT

1.	**Project Type**	Educational Institutional Project
2.	**Name of the Project**	"**Amity University"** by Ritnand Balved Education Foundation
3.	**Clearance letter (s)/O.M. No. & dates**	Environmental Clearance is not applicable. As per MOEF&CC Gazette Notification No. S. O. 3252 (E) dated 22.12.2014 further clarified vide Office Memorandum no. 19-2/2013-IA-III dated 09.06.2015; Schools, Colleges and Hostels for Educational Institutions having built-up area more than 20,000 sq.m. but less than 1,50,000 sq.m. are exempted from obtaining prior Environmental Clearance under the provisions of EIA Notification, 2006 subject to Sustainable Environmental Management.
4.	**Site Location**	Block D, Sector 82 Alpha, I.T. City
	a) District (s)	SAS Nagar (Mohali)
	b) State (s)	Punjab
	c) Latitudes/ Longitudes	30°38'30.28" N and 76°44'20.06" E
5.	**Address for correspondence**	Amity University, Block D, Sector 82 Alpha, I.T. City, Distt. SAS Nagar (Mohali), Punjab.
	Salient features	
	a) of the project	Total site area of project 40.44 acres (1,63,653.60 sq.m.) and total built-up area of 1,12,429.57 sq. m. The overall project will comprise of Academic Blocks, Playfields and Green Area, Girls Hostel & Boys Hostel.

	b) of the environmental management plans	During operational phase, water will be supplied through GMADA. Total water requirement for the project will be approx. 803 KLD, out of which fresh water demand will be 453 KLD. About 642 KLD of wastewater will be generated which will be treated in STP of 950 KLD capacity will be installed in modules. One module of STP of capacity 135 KLD has already been installed. The treated wastewater after STP will be utilized for flushing purpose, green area development within premises and excess, if any will be discharge into GMADA sewer. The total demand load is estimated as 4,000 KVA. Power will be supplied by PSPCL. Total 4 no. DG sets has to be provided for emergency purpose having total capacity of 4900 KVA (1 nos. DG of 2000 kVA, 1 no. DG of 1500 kVA, 1 no. DG of 650 kVA, 1no. DG set 750 KVA). The total solid waste to be generated will be approximately 3472 kg/day. The biodegradable waste will be composted by the use of mechanical composter and non-biodegradable and recyclable waste will be sold to resellers as per MSW (Management & Handling) Rules, 2016. Inert waste will be dumped to authorized dumping site. E-waste will be handled as per E- Waste (Management) Amendment Rules, 2018 and will be disposed through approved vendors. Buy back arrangement will be made for batteries The hazardous waste to be generated will be handled, managed and disposed as per Hazardous Waste Management Rules, 2018.
7.	**Break-up of the project area**	
	a) Submergence area: Forest and Non-forest	Not Applicable
	b) Others	Not Applicable
8.	**Break-up of project affected population with enumeration of those losing houses/ dwelling units only, agricultural land only both dwelling units and agricultural land, landless labourers/ artisans.**	Not Applicable
	a) SC/ST/Adivasis	Not Applicable

<table>
<tr><td></td><td>b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey)</td><td>Not Applicable</td></tr>
<tr><td>9.</td><td>Financial details:</td><td></td></tr>
<tr><td></td><td>a) Project cost as originally planned and subsequent revised estimates and the year of price reference.</td><td>Total estimated project cost including land & construction is Rs. 664.32 crore.</td></tr>
<tr><td></td><td>b) Allocations made for environmental management plans with item wise break up.</td><td>Allocations made for Environmental Management Plan (EMP) is given below:
<table>
<tr><th>Description</th><th>Capital Rs. Lakhs</th><th>Recurring Cost/Annum Rs. Lakhs</th></tr>
<tr><td>Waste water Management: Sewage Treatment Plant</td><td>200</td><td>5</td></tr>
<tr><td>Air & Noise Pollution Management (Acoustics enclosures & stacks for DG sets)</td><td>9</td><td>3</td></tr>
<tr><td>Landscaping</td><td>20</td><td>12</td></tr>
<tr><td>Rainwater Recharging</td><td>80</td><td>6</td></tr>
<tr><td>Environmental Monitoring: (Water sprinkling for dust control, Monitoring of DG sets as per PPCB Guidelines)</td><td>2</td><td>2</td></tr>
<tr><td>Waste Management: (Collection of Solid Waste and disposal)</td><td>70</td><td>8</td></tr>
<tr><td>TOTAL</td><td>Rs. 381 Lakhs</td><td>Rs. 36 Lakhs</td></tr>
</table></td></tr>
<tr><td></td><td>c) Benefit cost ratio/ internal rate of return and the year of assessment.</td><td>Not Applicable</td></tr>
<tr><td></td><td>d) Whether (c) includes the cost of environmental management as shown in b) above.</td><td>-</td></tr>
<tr><td></td><td>e) Actual expenditure incurred on the project so far.</td><td>Approx. Rs. 550 Crores have been spent on the project till 30th September 2024.</td></tr>
<tr><td></td><td>f) Actual expenditure incurred on the environmental management plans so far.</td><td>Approx. Rs. 145 Lakh have been spent on the Environmental Management Plan (EMP) till 31st September 2024.</td></tr>
<tr><td>10.</td><td>Forest land requirement:</td><td></td></tr>
</table>

	a) the status of approval for diversion of forest land for non-forestry use	Not Applicable
	b) the status of clear felling, if any	Not Applicable
	c) the status of compensatory afforestation, if any.	Not Applicable
	d) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far.	Not Applicable
11.	**The status of clear felling in non-forest areas *(such as submergence area of reservoir, approach road)* if any, with quantitative information**	Not Applicable
12.	**Status of construction:**	
	a) Date of commencement (actual and/ or planned)	September' 2019
	b) Date of completion (planned)	Planned date of completion March' 2024. Partial Completed and operational. No construction activity going in the premises. The Institute is in partial operational phase since January'2022. Photographs of the project showing current status of project is attached along.
13.	**Reasons for the delay, if the project is yet to start**	-

COMPLIANCE OF THE 109 CONDITIONS AS PER MoEF&CC OFFICE MEMORANDUM DATED 9th JUNE, 2015

SI. NO.	CONDITIONS	STATUS OF COMPLIANCE
a.	**Pre-requisites** **Brief description of project**	
1.	Name of the Project, Survey Number, Village, Taluka, District, State to be mentioned with Google Earth Image and GPS Co-ordinates of the plot to be submitted.	Name of Project: "Amity University" Educational Institutions project by Ritnand Balved Education Foundation. Location of Project: Block D, Sector 82 Alpha, I.T. City, Distt. SAS Nagar (Mohali), Punjab. Google Earth Image showing project site & surroundings is attached as **Annexure 1**
2.	Location & Distance from nearby landmark places/services to be mentioned.	The proposed project site is approx. 0.8 KM; SE from Mohali Airport Road/IT City Road. SAS Nagar Railway Station – Approx. 2.63 km; NE Chandigarh International Airport - Approx. 5.46 km; NE Shalby Hospital, Mohali - Approx. 5.62 km; N Gurudwara Sahib Pind Raipur, Khurad - Approx. 2.84 km; NW
3.	Total Built-up area (FSI and Non-FSI) should be mentioned with detailed calculations certified by local planning and sanctioning authority.	Total Built-up area of the project is 1,12,429.57 sq.m. Detailed calculations for built-up area is given in Conceptual Plan as well as mentioned in Layout Plan. Copy of Conceptual Plan has already submitted with earlier compliance report and approved layout plan is attached as **Annexure VII.**
4.	Form1, Form 1A and Consolidated statement as per Environment Notification dated September 14, 2006 to be submitted to local planning and sanctioning authority, Regional Office, MoEFCC and SPCB.	Copy of Form1, Form 1A and Conceptual Plan has already been submitted.

b.	**Environmental Impacts on Project Land**	
5.	The building layout, set-back/side margin, podium, basement ventilation etc. is prepared based on local building bye laws and is approved by local competent authorities. The project proponent shall obtain all necessary clearance/ permission from all the relevant agencies including Town Planning Authority before commencing the work.	All of the drawings were created in accordance with regional building codes and received GMADA approval. Additionally, all additional clearances and permissions (fresh/renewal) required by the institute from relevant departments are being obtained time to time.
6.	Provisional Fire NOC to be obtained from Local CFO (Chief Fire Officer).	Fire NOC from fire department has been obtained and copy is attached along as **Annexure 1.**
7.	"Consent to Establish" and " Consent to Operate" shall be obtained as required from State Pollution Control Board as provided in the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974.	Consent to Establish (CTE) from PPCB has been obtained. Further, Partially Consent to Operate (CTO) for water & Air have been Obtained from PPCB and renewals being taken before expiry.
8.	The project proponent shall put in place a credible enforcement mechanism for compliance of energy conservation measures with its allottees, as projected, in perpetuity. This would be monitored by the designated Energy Conservation/ efficiency Authority in the state.	Agreed. Energy conservation is being achieved by the use of 5 star rated systems and appliances, and BMS for the energy usage monitoring are being used within the premises. We have already installed all the energy efficient devices within the campus
9.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Recent monitoring has been done. Samples have been taken from the project and analyzed by NABL accredited Laboratory. Test reports are attached alongas **Annexure II.**
10.	Top fertile soil to be preserved and to be later used in landscape.	To the greatest extent possible, the top soil removed during construction activities is being used for landscaping on the project site itself.
11.	The excavation/ demolition debris must be disposed off in designated landfill areas or to be used within site for leveling purpose. Under no circumstance, the debris will be disposed in river bed/lakes etc.	The excavation/ demolition debris was used within the premises for leveling and road filling.
12.	Undertaking to be given by the project proponent that occupancy will be given only after drainage and water connections are in place.	Sewer connection for treated wastewater disposal in municipal sewer and fresh water supply connection already provided/granted by GMADA. **Annexure 1.**

13.	Dust/Smoke prevention measures such as wheel washing, water sprinkler, screening, barricading and debris chute must be installed.	Adequate measures like water sprinkling, barricading, etc. for dust suppression and prevention of air pollution were provided during construction phase and same will be taken care in future also.
14.	This could simply comply with the provisions of eco-sensitive zone regulations, coastal zone regulations, heritage areas (identified in the master plan or issued separately as specific guidelines), water body zones (in such zones, no construction is permitted in the water-spread and buffer-belt of 30 m minimum around the FTL (Full level tank), various hazard prone area regulations, and others if the site falls under any such area.	The project site is not covered in any of such zone regulations.
15.	The site planning should take into account heat island effect, size and density of the built up areas cause heat island effect, wherein higher air temperatures are created in the dense urban areas as against the low rise surrounding built up areas. The solar access in the morphology of the clusters can be understood in terms of utilization of direct (and not reflected or diffused) solar radiation, mainly for day lighting and heat gain. This defines the minimal distances between the buildings and the relations between built up volume and open spaces.	Noted. All the factors are taken into account at the time of site planning.
16.	The proportion of open spaces and built up edges should be designed such that it ensures winter solar access and summer ventilation.	Agreed. Open spaces and built up edges are designed to ensure winter solar access and summer ventilation.
c.	**Water**	
17.	Proponent shall obtain permission for ground water withdrawal from State Ground Water Authority.	The daily water requirement by the institute is being fulfilled by GMADA supply. If any future requirement, groundwater shall be extracted only after obtaining permission from PWRDA.
18.	Storm water control and its reuse as per CGWB and BIS standards for various applications.	Storm water is being recharged into ground by provision of total 10 nos. of rain water recharging pits within the campus at different locations; out of which 4 no. of pits have been constructed, rest 6 will be completed before obtaining completion certificate from GMADA.

19.	The natural flow of existing storm water channel should not be altered for diverted.	Noted and compiled.
20.	Keeping in view the use of large quantities of water in curing, measures for reducing water demand during construction should be followed. Curing water should be sprayed on concrete structures; free flow of water should not be allowed for curing. After liberal curing on the first day, all concrete structures should be painted with curing chemical to save water. Concrete structures should be covered with thick cloth/gunny bags and then water should be sprayed on them. This would avoid water rebound and will ensure sustained and complete curing. Ponds should be made using cement and sand mortar to avoid water flowing away from the flat surface while curing.	Curing agents were/are being used during construction phase for reducing fresh water demand for the construction activity. Curing is being done using gunny bags alongwith curing chemicals/agents so as to save water for lateral structural elements and ponding alongwith curing chemicals/agents for flat surfaces is being practiced at site.
21.	The developer should ensure ground water and municipal water meet the water quality norms as prescribed in the Indian Standards for various applications (Indian standards for drinking [IS 10500-1991], for irrigation applications [IS 11624-1986].	Agreed and compiled, test reports are attached as **Annexure II.**
22.	The use of potable water during construction should be minimized.	Water requirement during the construction phase was met through water tankers. All applicable water conservation measures were followed to minimize use of potable water.
23.	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Agreed and compiled.
24.	Source of water to be identified.	The water requirement is fulfilled by GMADA supply.
25.	Water treatment measures such as filtration, softeners, RO etc. should be implemented.	The institute has installed RO Plant and water softener. Copyof bill is attached as **Annexure III.**
26.	Low flow fixtures and sensors to be used to promote water conservation.	Agreed and compiled. Low flow fixtures have been provided to promote water conservation.
27.	Water meters to be installed to monitor consumption of water.	Agreed and compiled. Water meters are installed to monitor consumption of water.
28.	Water balance table/chart should be prepared.	Agreed and compiled. Water balance diagrams of all seasons have already been prepared in the conceptual plan.

d.	**Wastewater Treatment**	
29.	Sewage treatment plant of capacity capable of treating 100% wastewater to be installed on site.	Sewage Treatment Plant (STP) of capacity 950 KLD will be installed in two modules at site; out of which 135 KLD has already been installed for initial operation. Completion certificate along with dimensional drawing is attached as **Annexure IV.**
30.	Tertiary treatment such as dual media filter, activated carbon filter and Ozonization /Chlorination to be provided so that the treated water characteristics are as per Central Pollution Control Board (CPCB) norms.	Tertiary treatment system has been provided with the STP. Dimensional drawing is attached as **Annexure IV.**
31.	If STP and pump room are installed in basement, adequate ventilation as per NBC air changes norms should be provided.	Not applicable. STP and pump room are at ground level.
32.	Treated wastewater to be recycled for flushing and gardening.	Agreed. Treated waste water is being utilized for flushing and horticulture demand within the premises. Also, excess if any will be discharged into GMADA sewer.
e.	**Drainage Pattern**	
33.	Excess treated water disposal plan to be submitted.	Treated waste water is utilized for flushing and horticulture demand within the premises. Also, excess if any will be discharged into GMADA sewer. Water balance diagrams showing the disposal is prepared in the conceptual plan.
34.	Total Paved area of the site under parking, roads, paths or any other use should not exceed 25% of the site area or net imperviousness of the site not to exceed the imperviousness factor as prescribed by the NBC 2005 (BIS 2005b) whichever is more stringent.	Noted and compiled.
35.	The final disposal point for excess treated water discharge will be municipal sewer for areas where sewerage network is present.	As the institute is located outside the municipal limits thus the treated wastewater generated is being utilized for horticulture demand within the premises, and any excess treated wastewater will be discharged into GMADA sewer. Water balance diagrams showing thedisposal is prepared in the conceptual plan.

36.	In areas where sewerage network is absent, the excess treated water can be used for agriculture or can be disposed off as per CPCB rules.	Sewerage network of GMADA is available in the area. Excess treated water will be discharged into GMADA sewer which is already connected. Applied copy for getting NOC from GMADA for the sewerage connection is attached along as **Annexure 1.**
37.	Storm water disposal plan to be submitted.	Storm Water drains are provided. In addition, 10 no. of RWH pits have been proposed; out of which 4 no. of pits has already been constructed and remaining 6 will be completed before obtaining completion certificate from GMADA. Excess waste water will be disposed to GMADA sewer which is already connected.
38.	The final disposal point for storm water will be municipal storm drain for areas where storm water network is present.	10 no. of RWH pits have been proposed; out of which 4 no. of pits have been constructed and remaining 6 will be completed before obtaining completion certificate from GMADA. Excess waste water will be disposed to GMADA sewer which is already connected.
39.	In areas where storm water network is absent, the storm water surface runoff can be disposed off in nearby natural water streams/nallas.	Storm Water drains are provided. In addition, 10 no. of RWH pits have been proposed; out of which 4 no. of pits has already been constructed. Excess treated waste water will be disposed to GMADA sewer which is already connected.
f.	**Ground Water**	
40.	Hydro-geological survey for ground water analysis shall be submitted.	Fresh Water is supplied by GMADA. Thus, there is no requirement of obtaining permission for abstraction of groundwater at current stage.
41.	Aquifer capacity and ground water yield shall be determined.	Not applicable.
42.	Rain water harvesting plan shall be submitted indicating the number of recharge pits and bores and total rain water to be harvested.	Rain water harvesting is being done through 10 no. of RWH pits; out of which 4 no. of pits has already been constructed.

43.	Rain water to be harvested and as a safety precaution, rainwater on-line filters to be provided as per NBC norms.	Rain water harvesting is being done by providing the RWH pits. Rain water harvesting plan indicating the number of recharge pits and total rain water to be harvested is calculated in Conceptual Plan**.** Total 10 no. of RWH pits to be constructed within premises; out of which 4 no. of pits has already been constructed and remaining 6 will be completed before obtaining completion certificate from GMADA. .
g.	**Solid Waste Management**	
a)	**During Construction Phase**	
44.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority. The Rules on the solid waste management including construction waste issued by MoEFCC as amended will be applicable.	Minimum amount of muck was being generated from construction activities. Adequate measures were provided to handle the same and thus there is no adverse effect on the environment. Detail regarding waste management is mentioned in Conceptual plan.
45.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the ground water.	During construction activity small quantity of hazardous waste was generated like used spent oil from DG set, empty drums of oil, etc. Hazardous waste was stored in isolated place and given to authorized vendors. Construction spoils were kept to minimum so that there is no contamination of the ground water resources.
46.	Any Hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Hazardous waste generated during construction phase was stored in isolated place and was sold to authorized vendors.
47.	Miscellaneous site debris such as broken tiles etc. shall be used on site for leveling/backfilling purpose.	Agreed. Waste materials w a s used for leveling/ backfilling purpose.
48.	Packaged STP/ mobile toilets shall be provided for labour camp.	Agreed, were provided during construction phase.
49.	Polymer bags used for cement and gypsum shall be handed over to authorized recyclers.	Agreed. Polymer bags used for cement and gypsum were handed over to authorized recyclers by contractor.
50.	Cardboard boxes and other packaging material will be handed over to authorized recyclers.	Agreed. Cardboard boxes and other packaging material were handed over to authorized recyclers by contractor.

b)	**Post Construction Phase**	
51.	Organic Waste composter (OWC) or vermiculture pits shall be installed on site for biodegradable waste treatment (capacity calculated at 0.3 kg/tenement/day). The manure generated shall be used for landscaping.	Agreed. Detail regarding waste management is mentioned in Conceptual plan**.** Mechanical composter of 300 Kg for composting of biodegradable waste is installed.
52.	The non-biodegradable waste or e-waste shall be handed over to authorized recyclers.	The non-biodegradable waste is being disposed to authorized dumping site. The E-waste is being sold off only to the authorized vendor as per e-wastenorms.
53.	STP sludge shall be removed using filter press or centrifuge mechanism. The dried sludge cakes shall be used as manure in landscaping.	STP sludge is removed time to time and is being utilized as manure in landscaping within the premises.
54.	Minimize waste generation; streamline waste segregation, storage, and disposal; and promote resource recovery from waste.	Agreed and compiling, separate area for waste segregation has already been earmarked.
55.	Resource recovery from waste: Employ resource recovery systems for biodegradable waste as per the Solid Waste Management and Handling Rules, 2000 of the MoEFCC. Make arrangements for recycling of waste through local dealers.	Biodegradable waste is composted by use of Mechanical composter. Recyclable component is being sold to local recycler and only the non- biodegradable waste is disposed to authorized dumping site.
56.	Use of covering sheets should be done for trucks to prevent dust dispersion from the trucks and washing of tyres when trucks with soil/ debris coming on road.	Agreed and compiled. Covering sheets is being used for trucks to prevent dust dispersion from the trucksand washing of tyres when trucks with soil/ debris coming on road.
57.	Hazardous Waste Management: Products, such as paints, cleaners, oils, batteries, and pesticides that contain potentially hazardous ingredients require special care when being disposed. Improper disposal of household hazardous waste can include pouring them down the drain, on the ground, into storm sewers, or in some cases putting them out with the trash. The hazardous wastes from construction and demolition activities are centering oil, formwork oil, tar and tar products (bitumen, felt, waterproofing compounds, etc.) wood dust from treated wood, lead containing products, chemical admixtures, sealants, adhesive solvents, Explosives and related products and equipment used in excavation, acrylics, and silica, etc.	Agreed and compiled. Hazardous waste is being managed as per the Hazardous Waste Management Rules. Details regarding hazardous waste management is mentioned in Conceptual plan.
h.	**Air Quality and Noise Levels**	
a)	**During Construction Phase**	

58.	The diesel required for operating DG sets shall be stored in underground tanks and clearance from Chief Controller of Explosives shall be taken, as applicable.	The diesel required for running DG sets is very less in quantity, so, clearance is not required from Chief Controller of Explosives.
59.	Ambient noise levels should conform to residential standards both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/ SPCB.	Agreed and compiled. All required measures were followed to control of ambient air & noise pollution during construction phase andsame are followed in operation phase also. Recent monitoring of ambient air quality has been done and test reports are attached along as **Annexure II.**
60.	Burning of waste to be banned.	No burning of waste is being done during construction phase as well as operational phase.
61.	The construction site DG to be maintained regularly so that the smoke emission and noise levels are as per permissible norms.	Noted. Maintenance of DG sets used during construction phase is being done on regular intervals.
62.	Regular PUC check for all construction machinery coming on site be done.	Agreed. All the vehicles and machinery being used for construction purpose were checked on regular intervals for pollution.
63.	Noise cancellation and insulation devices such as mufflers, barricades etc. to be avoid noise propagation to adjoining areas.	Agreed and were compiled during construction phase.
B)	**Post Construction Phase**	
64.	DG to be regularly maintained so that the smoke emission and noise levels are as per permissible norms. It shall be at least 6 meters away from the boundary.	Agreed. DG sets with acoustic enclosure and adequate stack height is at an adequate distance from building. Also, regular maintenance of the DG is being done.
65.	Air quality monitoring to be done quarterly.	Air quality monitoring is being done quarterly. Also, recent monitoring of ambient air quality has been done and test report is attached along as **Annexure II.**
66.	STP and water pumps, air blowers etc. should be installed with noise cancellation devices or suitable acoustical enclosures to be given so that the noise levels as per NBC norms are maintained.	Agreed and compiled. Suitable acoustical enclosures are provided wherever required.

c)	**During Construction & Operation**	
67.	The provisions of Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made there under be complied for control of noise pollution during construction and operation.	Noted. All required measures were followed to control noise pollution during construction and same are being followed in operation phase also.
68.	Setting up the barriers: National Building Code, 2005 suggests that design solutions such as barriers blocks should be used to reduce external LA10 noise levels to at least 60-70dB(A) at any point 1.0 m from any inward looking façade. Green Belts and landscaping could act as an effective means to control noise pollution. In case of railway tracks, a minimum distance of 50 m to 70 m may be provided between the buildings and the tracks.	Noted and compiled as per rules and building bylaws.
i.	**Energy**	
69.	Appropriate processes and material be used to encourage reduction in carbon foot print.	Recycling of construction materials, green belt, CFC free air conditioners is being used within the project that results in reduction of carbon foot print.
70.	Use of glass be reduced by up-to 40% to reduce the electricity consumption and load on air-conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Agreed and compiled. Glass has been used to maximum extent.
71.	Solar water heater to be provided adequately.	Noted and complied. Roof top solar system will be installed as per conceptual plan and requirement before obtaining completion certificate from GMADA
72.	Common area lighting should be Solar/ LED.	Agreed. LED lights are being use within the institute which cater good percentage of total lighting load. Class Rooms are being equipped with LED Lights as step towards energy savings and efficiency.
73.	Install energy meters to monitor overall consumption, and time-switch for all common are lighting, and other consumption of measurable energy.	Noted and compiled. Energy meters are provided to monitor the overall energy consumption.
74.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 3rd November, 2009.	PPC cement was being used in the project which isconstituted of Fly Ash.
75.	Wherever possible recycled materials having low Embodied energy be used.	Agreed and complied.

76.	Use of light colored, reflective roofs having an SRI (solar reflectance index) of 50% or more should be promoted. The dark colored, traditional roofing finishes have SRI varying from 5% to 20%.	Agreed and complied.
77.	Optimize use of energy systems in buildings that should maintain a specified indoor environment conducive to the functional requirements of the building by following mandatory compliance measures (for all applicable buildings) as recommended in the Energy Efficiency, Government of India. The energy systems include air conditioning systems. Indoor lighting systems, water heaters, air heaters and air circulation devices.	Agreed and compiled. Optimized use of energy systems within the buildings to save the energy.
78.	Use the concept of passive solar design of building using architectural design approaches that minimize energy consumption in buildings by integrating conventional energy-efficient devices, such as mechanical and electrical pumps, fans, lighting-fixtures, and other equipment, with the passive design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design, and thermal mass.	Agreed. The buildings have been designed so that optimum day light utilization is there. In addition, energy efficient LED lightening and equipment's are used.
79.	The building should be oriented optimally based on Sun-path and engineering analysis to curtail excessive solar radiations.	Agreed and compiled. The orientation of the buildings has been designed based on Sun-path analysis and engineering analysis.
80.	Lighting systems should comply with the ECBC 2007 and applicable to interior spaces of buildings, exterior building features, including facades, illuminated roofs, architectural features, entrances, exits, loading docks, and illuminated canopies, exterior building grounds etc. except emergency lighting and lighting in dwelling units.	Agreed and compiled. ECBC norms are being implemented.
81.	All the point light sources installed in the building for general lighting shall be LEDs or LEDs or equivalent. All the linear light sources installed in the building for general lighting shall be T-5 or at least 4 star BEE rated TFLs or equivalent. The installed interior lighting power shall not exceed the LPD (Light Power Density) value as recommended by ECBC 2007.	Agreed. LEDs are being used to the maximum extent within the campus.

82.	Automatic Lighting shutoff control be installed: Interior lighting/ Exterior Lighting systems shall be equipped with an automatic control device in accordance with ECBC 2007. Occupancy sensors that shall turn the lighting off within 30 minutes of occupant leaving the space. It should also have option for manual turning on lights when the space is occupied. ECBC requires controls in day lit areas that are capable of reducing the light output from luminaries by at least half and Controlling of exterior lighting with photo-controls where lighting can be turned off after a fixed interval.	Agreed and complied.
83.	The tapping of renewable sources of energy for lighting, heating, cooling and ventilation needs, deserve special attention. For captive solar power generation, a minimum of 15 percent of sanctioned load is the requirement.	Agreed and complied.
84.	Solar photovoltaic (SPV) systems are direct energy conversion systems that convert solar radiation into electric energy. SPV systems should be installed to reduced use of conventional sources of energy. Roof tops of buildings as well as other exposed areas such as of parking shades should be utilized for installation of SPV systems.	Roof top solar system installed as per conceptual plan and requirement before obtaining completion certificate from GMADA.
85.	Hot water requirement in buildings should be met through use of various types of solar water heating systems, viz. flat plate collector: single glazed double glazed; evacuated tube collectors; and Water heating with solar concentrators.	Roof top solar system installed at hostels blocks as per conceptual plan and requirement.
86.	The project Proponent should ensure regular energy audit: i. To validate the predicted energy consumption, thermal comfort, and visual comfort criteria by an energy auditor approved by the BEE, Government of India. ii. To ascertain continued safety in the operation of the electrical and mechanical systems of the building through proper maintenance by the owner or the occupants.	Agreed. Energy audit is conducted as per rule.
87.	This will be ensured in the contract document by providing for the commissioning of all electrical and mechanical systems by the respective supplier or builder. Moreover, the respective facility management group assigned by the owner or the occupants	Agreed and compiled. Maintenance will be done by the University only.

	themselves will carry out the maintenance facilities.	
88.	Energy conservation measures like installation of CFLs/LEDs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs and TFLs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/ roles of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.	Agreed. Maximum LEDs are being used within the campus to conserve the energy. Solar water heating systems and solar panels are installed within the campus. Sensor based lighting is being implemented within the project.
j.	**Traffic Movement System**	
89.	Width of driveways, parking provision, ramp width and slope to be kept as per local bye laws.	Adequate width of driveways & parking facility is being provided as per building bye laws.
k.	**Provisions for Differently able**	
90.	The Project proponent should provide at least the minimum level of accessibility for persons with disabilities. • Ensure accessibility and usability of the facilities in the building by employees, visitors and clients with disabilities. • Ensure access to facilities and services by adopting appropriate site planning to eliminate barriers as per the recommended standards (NBC 2005 [BIS 2005]). • Layout and designing of interior and exterior facilities as per principles of universal design such as prescribed by the National Building Code of India, building management policies and procedures, provision of auxiliary aids & appliances, and staff training in disability awareness.	Agreed and compiled. Proper provisions for differently able persons like ramps with adequate width, separate toilet, separate parking, wheelchair etc. are provided.
l.	**Green Belt/Green Cover**	
91.	Provide minimum 1 tree for every 80 sq.m. of plot area.	Agreed and compiled. Adequate no. of trees have/are being planted.
92.	Wherever trees are cut or transplanted, compensatory plantation in the ratio of 1:3 to be done in the premise.	No tree cutting was done during construction. In addition, adequate tree plantation was done within the campus.
93.	Native species of trees to be planted.	Agreed and compiled. Native species of trees are already planted within campus.

94.	Vegetation to provide as shading and promote evaporative cooling. In hot and dry climates, evaporative cooling through appropriately sized wet surfaces or fountains have a desirable effect. It should be planned for maximum benefit.	Proper plantation is being done within the campus. Photographs are attached as **Annexure V.**
95.	The project should have detail proposal for tree plantation, landscaping, creation of water bodies etc. along with a layout plan to an appropriate scale.	Agreed and compiled. Landscaping has been done to the maximum extent.
m.	**Disaster/Risk Assessment Plan**	
96.	Fire tender movement plan to be submitted.	Adequate road width for the movement of fire tender has been provided. In addition, NOC from fire department has also been obtained and is attached along as **Annexure 1.**
97.	Firefighting system to be provided as per the fire NOC.	Firefighting measures have been provided within the campus and Fire NOC has also been obtained from fire department. Copy of the fire NOC as well as firefighting layout is attached along as **Annexure 1.**
98.	Turning radius to be kept as per Fire NOC or as prescribed in the local by-laws.	Noted. Turning radius has been kept as per prescribed in the local by-laws.
99.	Public address system to be installed as per the Fire Safety norms.	Agreed and compiled. Public address system installed
100.	Place of assembly to be indicated.	Agreed and compiled. Place of assembly has been clearly indicated.
n.	**Socio Economic Impact and CSR**	
101.	Biodegradable and non-biodegradable waste bins to be provided for every household to promote waste segregation at source.	Proper dustbins are placed at strategic spots in Campus for easy use of the Students and staff and also for motivation and contribution towards cleanliness. Name have been displayed mentioning **"USE Dustbin"** at ground floor of Blocks and in lawns. **Annexure V.** Plastic and other non-degradable wastes are collected frequently. Pickup of waste from the dustbins is done from various locations and dumped at specified Place and further collected by local authorized contractor and disposed of the same on daily basis. Leftover food, cooked wastes and vegetable wastes from mess/canteens

		are arranged to pick up on regular basis and further used for feeding cattle/animals in the nearby localities, and for generating manure by using mechanical composter, which is being further used for horticulture purpose inside the Campus only. E-waste is being stored in separate e- waste room; record of the same is being maintained.
102.	Importance of environment and various environment drives to be initiated.	Various plantation and environmental drives have been arranged. Same will be complied in the future also.
103.	Importance of maintenance of environment infrastructure to be showcased by issuing pamphlets etc.	Agreed and compiled.
104.	Provision for health care, medical kit, crèche, First-Aid room shall be given during construction phase for the construction workers.	Agreed. First Aid facility was provided during construction phase for the construction workers. Same will be maintained in future also.
105.	Adequate shelter for resting hours, crèche, clean and potable drinking water to be provided to construction workers.	Agreed and compiled. All the necessary facilities were provided to the labors such as housing, sanitation and drinking water facilities, etc.
106.	All local labour welfare laws must be complied.	Agreed and complied as per law.
107.	Concerns of the communities being affected by the Project are to be responded to priority, and all possible CSR is to be rendered to make the responses effectively beneficial.	Noted. All possible CSR is being rendered to make the responses effectively beneficial.
o.	**Environment Management Plan (EMP)**	
108.	Detailed environment management plan comprising of estimated capital cost and O&M cost for the following environment infrastructure should be submitted: a. Sewage Treatment Plant b. Landscaping c. Rain water Harvesting d. Power backup for environment infrastructure e. Environment Monitoring f. Solid Waste Management g. Solar and Energy Conservation	Approx. 145 lakhs have already been spent on Environment Management Plan (EMP).
109.	Environment Monitoring Cell with defined functions and responsibility to be setup and details be submitted	Agreed. Environment Monitoring Cell (EMC) has been formed. Details are attached as **Annexure-VI.**

Annexure I
Fire NOC, GMADA permissions, Approved Building plan and Location Plan

Punjab Fire Services
(Mohali MC)

FIRE SAFETY CERTIFICATE
ਫਾਇਰ ਸੇਫਟੀ ਪ੍ਰਮਾਣ ਪੱਤਰ

NOC No 2004-102300-Fire/78209 NOC Type: Renew Dated 13-Nov-2024

Certified that the Amity University Block 1 at Amity University (Punjab), Sector-82 Alpha, IT City, SAS Nagar Mohali comprised of 2 basements and 6 (Upper floor) owned/occupied by Ritnand Balved Education Foundation have compiled with the fire prevention and fire safety requirements of National Building Code and verified by the officer concerned of fire service on 06-Nov-2024 in the presence of Sachin Saini (Name of the owner or his representative) and that the building / premises is fit for occupancy group B subdivision 3 (As per NBC) for period of one year from issue date. Subject to the following conditions.

Issued on 13-Nov-2024 at Mohali MC

ਤਸਦੀਕ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ Amity University Block 1 ਨੇ ਕਿ Amity University (Punjab), Sector-82 Alpha, IT City, SAS Nagar Mohali ਸਮੇਤ 2 ਬੇਸਮੈਂਟ ਅਤੇ 6 (ਉੱਪਰਲੀ ਮੰਜ਼ਿਲ) ਮਲਕੀਅਤ/ਕਾਬਜ਼ਦਾਰ Ritnand Balved Education Foundation ਨੂੰ ਅੱਗ ਬੁਝਾਊ ਦੇ ਪ੍ਰਬੰਧ ਅਤੇ ਬਚਾਅ ਦੇ ਰਾਸ਼ਟਰੀ ਬਿਲਡਿੰਗ ਕੋਡ ਅਨੁਸਾਰ ਜਿਸ ਨੂੰ ਸਬੰਧਤ ਅੱਗ ਬੁਝਾਊ ਅਧਿਕਾਰੀ ਦੀਆਂ ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਗਿਆ 06-Nov-2024 ਮੌਜੂਦਗੀ ਵਿੱਚ Sachin Saini (ਮਾਲਕ ਦਾ ਨਾਮ ਜਾਂ ਉਸ ਦਾ ਪ੍ਰਤੀਨਿਧੀ) ਅਤੇ ਇਮਾਰਤ / ਬਿਲਡਿੰਗ ਆਬਾਦੀ ਲਈ ਯੋਗ ਹੈ। Occupancy Group B subdivision 3 (ਐਨ. ਬੀ. ਸੀ. ਦੇ ਅਨੁਸਾਰ) ਦੇ ਪ੍ਰਭਾਵੀ ਸਮੇਂ ਤੋਂ ਇੱਕ ਸਾਲ ਤੱਕ। ਜਿਸ ਲਈ ਨਿਮਨ ਅਨੁਸਾਰ ਹਦਾਇਤਾਂ ਹਨ।

ਜਾਰੀ ਕਰਨ ਦੀ ਮਿਤੀ 13-Nov-2024 ਵਿੱਖੇ Mohali MC .

1. Fire Safety arrangements shall be kept in working condition at all the times.
ਹਰ ਸਮੇਂ ਅੱਗ ਤੋਂ ਬਚਾਅ ਦੇ ਯੰਤਰਾਂ ਨੂੰ ਚਾਲੂ /ਚੰਗੀ ਹਾਲਤ ਵਿੱਚ ਰੱਖਿਆ ਜਾਵੇ।

2. No, alteration/ addition/ change in use of occupancy is allowed.
ਕਿਸੇ ਵੀ ਤਰ੍ਹਾਂ ਦੇ ਬਦਲਾਅ/ ਵਾਧੇ/ ਕਾਬਜਦਾਰ ਵਿੱਚ ਬਦਲਾਵ ਦੀ ਮਨਾਹੀ ਹੈ।

3. Occupants/ owner should have trained staff to operate the operation of fire safety system provided there in.
ਉਪਲੱਬਧ ਅੱਗ ਬੁਝਾਊ ਦੇ ਯੰਤਰਾਂ ਦੀ ਵਰਤੋਂ ਤੋਂ ਜਾਣੂ ਵਾਲੇ ਲੋਕਾਂ / ਮਾਲਕਾਂ ਨੂੰ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਣਾ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ।

4. Fire Officer can check the arrangements of fire safety at any time, this certificate will be withdrawn without any notice if any deficiency is found.
ਫਾਇਰ ਬ੍ਰਿਗੇਡ ਅਧਿਕਾਰੀ ਕਿਸੇ ਵੀ ਵਕਤ ਬਿਨ੍ਹਾਂ ਸਾਰੇ ਪ੍ਰਬੰਧਾਂ ਨੂੰ ਚੈੱਕ ਕਰ ਸਕਦਾ ਹੈ, ਜੇ ਕਰ ਕੋਈ ਕਮੀ ਪਾਈ ਗਈ ਤਾਂ ਬਿਨ੍ਹਾਂ ਕਿਸੇ ਨੋਟਿਸ ਦੇ ਇਹ ਸਰਟੀਫਿਕੇਟ ਰੱਦ ਸਮਝਿਆ ਜਾਵੇਗਾ।

5. Occupants/ owner should apply for renewal of fire safety certificate one month prior to expiry of this certificate.
ਮਾਲਕ ਜਾਰੀ ਕੀਤੇ ਗਏ ਫਾਇਰ ਸੇਫਟੀ ਸਰਟੀਫਿਕੇਟ ਦੀ ਮਿਤੀ ਖਤਮ ਹੋਣ ਤੋਂ ਇੱਕ ਮਹੀਨਾ ਪਹਿਲਾਂ ਰੀਨਿਊ ਕਰਵਾਉਣ ਲਈ ਪਾਬੰਦ ਹੋਵੇਗਾ।

* Above Details cannot be used as ownership proof.

ਉਪਰੋਕਤ ਦਰਜਾਰੀ ਗਈ ਜਾਣਕਾਰੀ ਨੂੰ ਮਾਲਕਾਨਾ ਦੇ ਸਬੂਤ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾਵੇਗਾ।

* This is digitaly created cerificate, no signatue are needed

ਇਹ ਡਿਜੀਟਲੀ (ਕੰਪਿਊਟਰਾਈਜ਼ਡ) ਤਿਆਰ ਕੀਤਾ ਗਿਆ ਸਰਟੀਫਿਕੇਟ ਹੈ, ਜਿਸ ਵਿੱਚ ਦਸਤਖਤ ਦੀ ਕੋਈ ਲੋੜ ਨਹੀਂ ਹੈ।

GREATER MOHALI AREA DEVELOPMENT AUTHORITY
PUDA BHAWAN, SECTOR-62, SAS Nagar

To

Ritnand Balved Education Foundation
Amity University, Block D, Sector 82 Alpha,
IT City, SAS Nagar

Memo No. GMADA/ DE (PH-1)/2022/ 2125
Dated 07/1/22

Subject: - Regarding Issue of Sewer connection to Amity University, Sector 82 Alpha, IT City, SAS Nagar

In reference to your application no 19057162 dated 19/06/2019 and partial completion issued by ACA, GMADA with letter no 89972 dated 30-11-2021, the Sewer connection is issued to Amity University, Sector 82 Alpha, IT City, S.A.S. Nagar under following conditions

1. You are directed to install and operate Sewerage Treatment Plant of required capacity and attain required approvals from PPCB.
2. You are directed to reuse treat whole of the effluent/ Sewage/waste water expected to be generated from the project, adequately & efficiently and shall utilize whole of the treated effluent for horticulture, irrigation, plantation, flushing, cooling, construction and other activities within project premises using proper network of pipeline (Dual plumbing) for the utilization of treated effluent.
3. This permission is only to connect overflow of treated water tank of STP. **No direct connection** of Sewer line is permitted in this permission and shall not discharge any treated/untreated effluent/ sewage into any drain/ river/ other water body/ borewell etc However, in case of failure of STP, you are directed to inform PPCB and GMADA for necessary further action.
4. Internal Storm Water Drainage system can be connected to nearest manhole of Main Storm water drainage System laid by GMADA under proper supervision.

Supt (Single Window)
For Divisional Engineer (PH-1)
GMADA, SAS Nagar

Endst. No. GMADA/ DE (PH-1)/ 2022/ Dated

A copy of above is forwarded to Sub Divisional Engineer (PH-1) O/o DE(PH-1), GMADA for information and further necessary action.

Supt (Single Window)
For Divisional Engineer (PH-1)
GMADA, SAS Nagar

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰੀਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ

ਸੈਕਟਰ 62, ਐਸ.ਏ.ਐਸ ਨਗਰ
(www.gmada.gov.in)

GMADA

ਸੇਵਾ ਵਿਖੇ,

Ritnand Balved Education Foundation
R/o E-27, Defence Estate,
New Delhi

ਪੱਤਰ ਨੰ: ਗਮਾਡਾ/ਮਿ.ਅ.(ਪ)/2019/ 51983 ਮਿਤੀ 04/09/2019

ਵਿਸ਼ਾ:- ਸ਼ਹਿਰੀ ਮਿਲਖ ਐਸ.ਏ.ਐਸ.ਨਗਰ ਵਿਖੇ ਇਮਾਰਤ ਦੀ ਉਸਾਰੀ ਦੇ ਨਕਸ਼ੇ ਪਾਸ ਕਰਨ ਬਾਰੇ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ ਆਪ ਜੀ ਵਲੋਂ ਇਮਾਰਤ ਉਸਾਰੀ ਦਰਖਾਸਤ ਮਿਤੀ: 21.05.2019 ਰਾਹੀਂ **Amity Univeristy, D-4, Block-D, Sector-82 Alpha, IT City,** ਐਸ.ਏ.ਐਸ.ਨਗਰ ਦੀ ਇਮਾਰਤ ਦੇ ਪ੍ਰਪੋਜ਼ਡ ਬਿਲਡਿੰਗ ਪਲੈਨ ਪਾਸ ਕਰਦੇ ਹੋਏ ਹੇਠ ਲਿਖੀਆ ਸ਼ਰਤਾਂ ਅਨੁਸਾਰ ਉਸਾਰੀ ਦੀ ਆਗਿਆ ਦਿੱਤੀ ਜਾਂਦੀ ਹੈ:-

1. ਚਾਰ ਦੀਵਾਰੀ ਅਤੇ ਗੇਟ ਸਟੈਂਡਰਡ ਡਿਜ਼ਾਇਨ ਅਨੁਸਾਰ ਹੋਣਾ ਚਾਹਿਦਾ ਹੈ ਅਤੇ ਉਸਾਰੀ ਦੇ ਸਮੇਂ ਦੌਰਾਨ ਜੇਕਰ ਸਰਕਾਰ ਵਲੋਂ ਲੇਬਰ ਸੈੱਸ ਦੇ ਰੇਟਾਂ ਵਿੱਚ ਕੋਈ ਵਾਧਾ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਤਾਂ ਆਪ ਉਸ ਅਨੁਸਾਰ ਬਣਦੀ ਰਕਮ ਜਮ੍ਹਾਂ ਕਰਾਉਣ ਦੇ ਪਾਬੰਦ ਹੋਵੋਗੇ।
2. ਬਿਲਡਿੰਗ ਆਕੂਪਾਈ ਕਰਨ ਤੋਂ ਪਹਿਲਾਂ ਸਟਰਕਚਰ ਸੇਫਟੀ ਸਬੰਧੀ ਲੋੜੀਂਦਾ ਐਨ.ਓ.ਸੀ. ਪ੍ਰਾਪਤ ਕੀਤਾ ਜਾਵੇਗਾ।
3. ਡੀ.ਪੀ.ਸੀ ਅਤੇ ਕੰਪਲੀਸ਼ਨ/ਆਕੂਪੇਸ਼ਨ ਸਰਟੀਫਿਕੇਟ ਤਾਂ ਹੀ ਜਾਰੀ ਕੀਤਾ ਜਾਵੇਗਾ ਜੇਕਰ ਇਮਾਰਤ ਦੀ ਉਸਾਰੀ ਪ੍ਰਵਾਨ ਕੀਤੇ ਨਕਸ਼ੇ ਅਨੁਸਾਰ ਕੀਤੀ ਜਾਵੇਗੀ ਅਤੇ ਮੌਕੇ ਤੋਂ ਮਲਬਾ ਆਦਿ ਸਾਫ ਕੀਤਾ ਜਾਵੇਗਾ।
4. ਵਿਸ਼ੇ ਅਧੀਨ ਸਾਈਟ ਵਿੱਚ ਸੋਲਰ ਇਲੈਕਟ੍ਰਿਕ ਪੈਨਲ ਤੇ ਸੋਲਰ ਵਾਟਰ ਹੀਟਿੰਗ ਸਿਸਟਮ ਅਤੇ ਰੇਨ ਵਾਟਰ ਹਾਰਵੈਸਟਿੰਗ ਸਿਸਟਮ ਦੀ ਪ੍ਰੋਵੀਜਨ ਕੀਤੀ ਜਾਵੇਗੀ।
5. ਇਸ ਬਿਲਡਿੰਗ ਦੀ ਸਟਰਕਚਰਲ ਸੇਫਟੀ ਸਬੰਧੀ ਜਿੰਮੇਵਾਰੀ ਆਪ ਦੀ ਆਪਣੀ ਹੋਵੇਗੀ ਅਤੇ ਇਸ ਦੀ ਉਸਾਰੀ ਸਟਰਕਚਰਲ ਇੰਜੀਨੀਅਰ ਦੀ ਦੇਖ ਰੇਖ ਵਿੱਚ ਕਰਵਾਈ ਜਾਵੇਗੀ। ਜੇਕਰ ਉਸਾਰੀ ਕਰਦੇ ਸਮੇਂ ਬਿਲਡਿੰਗ ਵਿੱਚ ਕੋਈ ਰੱਦੋ ਬਦਲ ਕੀਤੀ ਜਾਂਦੀ ਹੈ ਤਾਂ ਉਸ ਦੀ ਲਿਖਤੀ ਪ੍ਰਵਾਨਗੀ ਕੰਪੀਟੈਂਟ ਅਥਾਰਟੀ ਤੋਂ ਲਈ ਜਾਵੇਗੀ।
6. ਬਿਲਡਿੰਗ ਵਿੱਚ ਬਿਜਲੀ ਦੀਆਂ ਸੇਵਾਵਾਂ ਸਟੈਂਡਰਡ ਨਾਰਮਜ਼ (Latest Specifications) ਅਨੁਸਾਰ ਉਪਬੰਧ ਕਰਨ ਦੀ ਜਿੰਮੇਵਾਰੀ ਆਪ ਦੀ ਹੋਵੇਗੀ।
7. ਬਿਲਡਿੰਗ ਵਿੱਚ ਜਨ ਸਿਹਤ ਸਹੂਲਤਾਂ ਜਿਵੇਂ ਕਿ ਵਾਟਰ ਸਪਲਾਈ ਸਟਾਰਮ ਅਤੇ ਟਰੀਟਡ ਵਾਟਰ ਦੀਆਂ ਲਾਈਨਾਂ ਦੀ ਵਿਵਸਥਾ ਸਟੈਂਡਰਡ ਨਾਰਮਜ਼ ਅਨੁਸਾਰ ਉਪਬੰਧ ਕਰਨ ਦੀ ਜਿੰਮੇਵਾਰੀ ਆਪ ਦੀ ਹੋਵੇਗੀ।
8. ਕੰਸਟਰਕਸ਼ਨ ਐਕਟਿਵਿਟੀ ਨੂੰ ਮੋਨੀਟਰ ਕਰਨ ਸਬੰਧੀ ਪੰਜਾਬ ਸਰਕਾਰ ਵਲੋਂ ਜਾਰੀ ਐਕਸ਼ਨ ਪਲੈਨ ਮੀਮੋ ਨੰ. 17/20/2016-1/ਐਚ.ਜੀ. 2/1112 ਮਿਤੀ 02.03.2017 ਦੀਆਂ ਹਿਦਾਇਤਾਂ ਦੀ ਇੰਨ ਬਿੰਨ ਪਾਲਣਾ ਕੀਤੀ ਜਾਵੇਗੀ।
9. ਆਪ ਵਲੋਂ Survey of India ਭਾਰਤ ਸਰਕਾਰ ਦੇ ਪੱਤਰ ਨੰ **1291/44-F-Vert** Dated 07.06.2019 ਅਨੁਸਾਰ ਦਿੱਤੇ ਗਏ ਕੋਆਰਡੀਨੇਟਸ ਅਨੁਸਾਰ ਸਾਈਟ ਕਲਰ ਕੋਡਿਡ ਜੋਨਿੰਗ ਮੈਪ ਜੋ ਕਿ ਵੈਬਸਾਈਟ ਪਰ ਉਪਲੱਬਧ ਹੈ, ਦੇ ਪਿੰਕ ਕਲਰ ਜੋਨ ਵਿੱਚ ਪੈਂਦੀ ਹੈ। ਇਸ ਜੋਨ ਵਿੱਚ Average Mean Sea Level (AMSL) ਤੋਂ **333** ਮੀਟਰ ਦੀ ਹਾਈਟ ਤੱਕ ਦੀ ਕੀਤੀ ਉਸਾਰੀ ਤੱਕ ਏਅਰ ਫੋਰਸ ਤੋਂ ਐਨ.ਓ.ਸੀ. ਲੈਣ ਦੀ ਛੋਟ ਹੈ। ਆਪ ਵਲੋਂ ਹੇਠ ਅਨੁਸਾਰ ਸੂਚਨਾਂ ਸਰਵੇ ਆਫ ਇੰਡੀਆ ਦੇ ਉਪਰੋਕਤ ਦਰਸਾਏ ਪੱਤਰ ਨੰਬਰ ਰਾਹੀਂ ਮੁਹਈਆ ਕਰਵਾਈ ਗਈ ਹੈ।

Location	Corner	Co-ordinates WGS-84		AMSL (in Meters)	Distance from Chandigarh Airport(KM)
		Latitude	Longitude		
Proposed Site i.e Amity University, Block-D, Sec-82 Alpha, IT City, SAS Nagar	A	30° 38' 30"	76° 44' 20"	299	6.2
	B	30° 38' 44"	76° 44' 08"	293	6.2
	C	30° 38' 38"	76° 44' 00"	299	6.5
	D	30° 38' 25"	76° 44' 12"	297	6.4

ਗਰੇਟਰ ਮੋਹਾਲੀ ਏਰੀਆ ਡਿਵੈਲਪਮੈਂਟ ਅਥਾਰਿਟੀ

ਸੈਕਟਰ 62, ਐਸ.ਏ.ਐਸ ਨਗਰ
(www.gmada.gov.in)

ਆਪ ਢਲੀ ਯੂਨੀਵਰਸਿਟੀ ਦਾ AMSL 299.0 ਮੀਟਰ ਅਤੇ ਏਪ ਐਲੀਵੇਸ਼ਨ 31.2 ਮੀਟਰ ਲਿਆ ਗਿਆ ਹੈ, ਜੋ ਕਿ 330.20 ਮੀਟਰ ਬਣਦਾ ਹੈ। ਇਸ ਸਬੰਧੀ ਇਲੈਕਸ਼ਨ ਏਅਰ ਫੋਰਸ ਵਲੋਂ ਸਮੇਂ-ਸਮੇਂ ਤੇ ਜਾਰੀ ਹਦਾਇਤਾਂ ਦੀ ਪਾਲਣਾ ਕਰਨੀ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ। ਇਹਨਾਂ ਹਦਾਇਤਾਂ ਦੀ ਕੀਤੀ ਗਈ ਉਲੰਘਣਾ ਲਈ ਬਰਾਬਰੀ ਜਿੰਮੇਵਾਰੀ ਆਪ ਦੀ ਹੋਵੇਗੀ।

10. ਆਪ ਬਿਲਡਿੰਗ ਰੂਲਜ਼, 2018 ਅਧੀਨ ਲੋੜੀਦੇ ਉਪਬੰਧਾ ਦੀ ਪ੍ਰਤੀਪੂਰਤੀ ਕਰਨ ਲਈ ਪਾਬੰਦ ਹੋਵੋਗੇ।

ਸਿਲਖ ਅਫਸਰ,
ਗਮਾਡਾ, ਐਸ.ਏ.ਐਸ ਨਗਰ।

ਚਿੱਠੀ ਨੰ: ਗਮਾਡਾ/ਬਿ.ਸ.ਪ/2019/ 51983 ਮਿਤੀ 04/09/2019

ਉਪਰੋਕਤ ਦਾ ਉਤਾਰਾ ਹੇਠ ਲਿਖਿਆ ਨੂੰ ਸੂਚਨਾ ਅਤੇ ਅਗਲੇਰੀ ਕਾਰਵਾਈ ਹਿੱਤ ਭੇਜਿਆ ਜਾਂਦਾ ਹੈ:-

1. ਸਹਾਇਕ ਕਿਰਤ ਕਮਿਸ਼ਨਰ, ਫੇਜ਼ ਏ.ਸੀ. ਕੰਪਲੈਕਸ, ਸੈਕਟਰ-76, ਐਸ.ਏ.ਐਸ ਨਗਰ ਨੂੰ ਭੇਜਦੇ ਹੋਏ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਵੀਲਡ ਸਟਾਫ ਦੀ ਰਿਪੋਰਟ ਅਨੁਸਾਰ ਕੁੱਲ ਲੰਬਰ ਸੈੱਸ 1,01,97,457/- ਰੁਪਏ ਬਣਦਾ ਹੈ ਅਡਾਨੀ ਵਲੋਂ ਲੇਬਰ ਸੈੱਸ ਇਸ ਦਫਤਰ ਵਿੱਚ ਰਸੀਦ ਨੰ: 28588 ਮਿਤੀ 20.08.2019 ਰਾਹੀ 1,01,98,209/- ਰੁਪਏ ਜਮ੍ਹਾਂ ਕਰਵਾਏ ਹਨ। ਅਡਾਨੀ ਦੀ ਪਲਾਟ ਦਾ ਰਕਬਾ 40.44 ਏਕੜ ਦਾ ਹੈ। ਪ੍ਰਪੋਜ਼ਲ ਪਲੈਨ ਵਿੱਚ 1133050.8047 ਵਰਗ ਫੁੱਟ ਕਵਰਡ ਏਰੀਆ ਪਾਸ ਕੀਤਾ ਜਾ ਰਿਹਾ ਹੈ।
2. ਮੰਡਲ ਇੰਜੀਨੀਅਰ (ਸਸ-1), ਗਮਾਡਾ, ਐਸ.ਏ.ਐਸ. ਨਗਰ।
3. ਜੀਨੀਅਰ ਆਰਕੀਟੈਕਟ, ਗਮਾਡਾ, ਐਸ.ਏ.ਐਸ. ਨਗਰ।
4. ਸਹਾਇਕ ਨਗਰ ਯੋਜਨਾਕਾਰ, ਗਮਾਡਾ, ਐਸ. ਏ. ਐਸ. ਨਗਰ।
5. AOC, (Air Officer Commanding), 12 Wing Air Force, C/o 56 APO.

Sd/-
ਸਿਲਖ ਅਫਸਰ,
ਗਮਾਡਾ, ਐਸ.ਏ.ਐਸ ਨਗਰ।


Amity University, Mohali Punjab

Annexure II

Ambient Air Quality, Soil testing, Noise Level, D.G. Set and Water &WasteWater Testing Report

RB ENVIRO LABORATORIES (OPC) PRIVATE LIMITED
Plot No. 56, First Floor, Shivalik City-Nijjer Road, Sec. 127, Kharar, SAS Nagar, Mohali
(NABL APPROVED LAB.) ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
GSTIN: 03AANCR1768G1Z9, Email: rbenvirosolution@gmail.com
+91, 6239447329, 8437473298

To
M/s Amity University
Sector 82, District SAS Nagar, Punjab

Report No.	RBEL/2501/123A	Report Date	04.01.2025
Ref. No.	Nil	Type of Sample	Stack Emission (D.G.SET)
Sample Code Given by Customer	Nil	Date of Sampling	30.01.2025
		Date of Sample Receipt	31.01.2025
Sampling Location	Within Premises		
Sample Collected By	Lab Person	Sample I.D.	RBEL/2501/123A
Sampling procedure	As per SOP	Date of Test	31.01.2025 – 04.01.2025

TECHNICAL DATA			
Instrument Used for Sampling	Stack Monitoring Instrument(VSSI)		
Source of Emission	D.G.Set (750 KVA) 1 No. Stack Attached to D.G. Set		
Engine S. No	37192E000367	Model Name.	…
Mfg. Year	05/2021	Fuel Used	H.S.D
		Type & Qty. of fuel used (lt/hr.)	100 Liter/hr
Velocity of Flue Gases	10.72 m/s	Type of Stack	Round of M.S
Ambient Air Temp	17 °C	Sampling Time	49Min
Stack Height	15 mtr	Stack Temperature	244°C
Diameter of Stack	12 Inch		
Stack material Metal/RCC/Brick	Metal		
Identification single/multiple	Single		
Sampling port hole/platform	Sampling done by standing on Platform		

SR. NO	PARAMETERS	RESULTS	Limits (As per CPCB2010)	TEST METHOD
1	Particulate Matter,(At 15%O_2) mg/Nm^3	64.2	75	IS:11255(Pt -1): 1985
2	Carbon Monoxide, (as CO) ,(At 15%O_2) mg/Nm3	67	150	IS 13270 : 1992
3	Oxides of Nitrogen, (as NO_x) ,(At 15%O_2) mg/Nm3	35.5	710	IS:11255(Pt -7):2005
4	Suphur Dioxide, (as SO_2) ,(At 15%O_2)	ND	<02%	IS 11255 Part 2: 2006

Note:

1. The test report refers only to tested sample and applicable parameters.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
3. The sample will be destroyed after Thirty days from the date of issue of test report unless otherwise specified.

(Authorized Signatory)

** End of Report **

RB ENVIRO LABORATORIES (OPC) PRIVATE LIMITED
Plot No. 56, First Floor, Shivalik City-Nijjer Road, Sec. 127, Kharar, SAS Nagar, Mohali
(NABL APPROVED LAB.) ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
GSTIN: 03AANCR1768G1Z9, Email: rbenvirosolution@gmail.com
+91, 6239447329, 8437473298

To
M/s Amity University
Sector 82, District SAS Nagar, Punjab

Report No.	RBEL/2501/123B	Report Date	04.01.2025
Your Ref. No	Nil	Type of sample	Ambient Air Sample
Sample Code Given by Customer	Nil	Date of sampling	30.01.2025
Sampling Location	Within Premises	Date of Sample Receipt	31.01.2025
Sample Collected By	Lab Person	Sample I.D.	RBEL/2501/123B
Sampling procedure	As per SOP	Date of test	31.01.2025 to 04.01.2025

TECHNICAL DATA		
1	Location of Sampling Station	Near Main Gate
2	Instrument Used for Sampling	Respirable Dust Sampler
3	Source of Sampling	Ambient Air Sample
4	Temperature of Sampling Location	17°C
5	Environmental Condition	Max temp. 23°C
		Min temp. 07°C
		Partially Cloudy and wind direction west to east
6	Flow Rate of Sampling	0.5 LPM
7	Time Period for Sampling	480 Minutes
8	Volume of Air Sampled	0.24 m^3

Sr. N.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1.	Respirable suspended particulate matter(PM_{10})	89	100.0 µg/m^3	IS 5182: 2006
2.	Sulphur dioxide (SO_2)	15	80.0 µg/m^3	IS 5182 (Part-2): 2006
3.	Nitrogen dioxide (NO_2)	27	80.0 µg/m^3	IS 5182 (Part-6): 2006
4.	Fine particulate matter ($PM_{2.5}$)	39	60.0 µg/m^3	IS 5182: 2006
5.	CO (One Hours)	ND	2.0 mg/m^3	NIOSH to 6604: 1996

Note: ND denotes NOT Detectable

1. The test report refers only to tested sample and applicable parameters.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

(Authorized Signatory)

End of Report

RB ENVIRO LABORATORIES (OPC) PRIVATE LIMITED
Plot No. 56, First Floor, Shivalik City-Nijjer Road, Sec. 127, Kharar, SAS Nagar, Mohali
(NABL APPROVED LAB.) ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
GSTIN: 03AANCR1768G1Z9, Email: rbenvirosolution@gmail.com
+91, 6239447329, 8437473298

To
M/s Amity University
Sector 82, District SAS Nagar, Punjab

Report No.	RBEL/2501/123C	Report Date	04.01.2025
Ref. No.	Nil		
Sample Code Given by Customer	Nil	Type of Sample	NOISE MONITORING FOR D.G.SET
Sampling Location	Within Premises	Date of Monitoring	30.01.2025
Sample Monitored by	Lab Person	Sample I.D.	RBEL/2501/123C
Sampling Procedure	As per SOP		

Instrument Used for Sampling	NOISE METER
Source	D.G.Set (750 KVA)
Engine S. No	37192E000367
Mfg.Year:	05/2021
Fuel Used	H.S.D.

SR. NO.	LOCATION/AREA	RESULTS dB(A) Leq	LIMITS IN dB(A) Leq As per 2000	TEST METHOD
A	DG Set With Acoustic Enclosure	DG Set ON		
1	Average Noise levels measured at different points at 1.0 m from the enclosure surface	74.3	75	IS 4758: 2002

Note: All Parameters are within limit as prescribed by the CPCB Guidelines -2010.

1. The test report refers only to tested sample and applicable parameters.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.

(Authorized Signatory)

End of Report

RB ENVIRO LABORATORIES (OPC) PRIVATE LIMITED
Plot No. 56, First Floor, Shivalik City-Nijjer Road, Sec. 127, Kharar, SAS Nagar, Mohali
(NABL APPROVED LAB.) ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
GSTIN: 03AANCR1768G1Z9, Email: rbenvirosolution@gmail.com
+91, 6239447329, 8437473298

To
M/s Amity University
Sector 82, District SAS Nagar, Punjab

Report No.	RBEL/2501/123D	Report Date	04.01.2025
		Type of sample	Soil Sample
Your Ref. No.	Nil	Quantity	2 kg
Sample Code Given by Customer	Nil	Date of sampling	30.01.2025
Sampling Location	Greenfield Park	Date of sample receipt	31.01.2025
Sample Collected By	Lab Person	Sample I.D.	RBEL/2501/123D
Sampling Procedure	As per SOP	Date of test	31.01.2025 – 04.01.2025

S.No.	Parameters	UNITS OF MEASUREMENT	Results	Test method
1	pH (1:2.5 ratio)	--------	7.51	LAB SOP
2	Conductivity (EC) (1:2 ratio)	µS/cm	194	LAB SOP
3	Organic Carbon	%	0.47	IS:2720 (Pt-22):2010, Reaffirmed 2015
4	Organic matter	%	0.74	LAB SOP
5	Available Phosphorus	Kg/Hectare	1.69	USDA: 1954- Reaffirmed 2010
6	Potassium (as K)	mg/kg	34	LAB SOP
7	Water Holding Capacity(WHC)	%	35.2	USDA:1954/Reaff.2010 Page 39
8	Bulk Density	gm/cm^3	1.25	USDA:1954- Reaffirmed 2010
9	Texture	------	Blackish Brown	USDA:1954, Reaffirmed 2010
	(a)Sand	%	48	
	(b)Silt	%	27	
	(c)Clay	%	24	

Note:
1. The test report refers only to tested sample and applicable parameters.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

(Authorized Signatory)

End of Report

Eco Paryavaran Laboratories & Consultants Pvt. Ltd.

restoring eco balance...

TEST REPORT

TC-11818

ULR No : TC1181825000000693F		**Test Report No :** NSWL180125NA049	
Type of Sample : Sewage		**Date of reporting :** 25/01/2025	
Reference Type : PO Number		**Reference No :** AU PUNJAB/PO/2024-25/04053 Dt.: 09/01/2025	
Customer Name	Amity University Punjab (AMC)		
Address	Block-D, Sector-82, Alpha, IT City, SAS Nagar, Mohali, Punjab	**Period of Sampling**	18/01/2025 - 18/01/2025
Sampling Protocol	IS17614 (Part-1)EL-MSP-7.3	**Date of Receipt of Sample**	18/01/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Jasminder singh	**Period of Analysis**	18/01/2025 - 25/01/2025
Testing Location	Permanent Facility	**Date of reporting**	25/01/2025
Sampling Location	STP Inlet		
Sample Description	Liquid with suspended & settleable particles.		
Standard/Specifications	Sewage- STP other than Metro Cities G.S.R. 1265 (E)		
Packing, Markings, Seal & Qty.	PE Bottle-1 litre (J/18/03A), Glass Bottle-1 litre (J/18/03B) & Glass Bottle-1 litre (J/18/03C)		

RESULTS

1. Chemical Testing

I. Pollution & Environment (Sewage)

Sr.No	Test Parameter	Unit	Result	Test Method
1	pH @ 25°C	-	7.21	IS 3025 (Part 11)
2	Total Suspended Solids	mg/l	76	IS 3025 (Part 17)
3	Biochemical Oxygen Demand (BOD) at 27°C for 3 Days	mg/l	68	IS 3025 (Part 44)
4	Chemical Oxygen Demand (COD)	mg/l	190	IS 3025(Part 58)
5	Oil & Grease	mg/l	19	IS 3025 (Part 39)

Remarks : NA

End of Report

Mr. Umesh Kumar
Authorized Signatory- Chemical

TEST REPORT

TC-11818

ULR No : TC1181825000000692F		**Test Report No :** NSWL180125NA050	
Type of Sample : Sewage		**Date of reporting :** 25/01/2025	
Reference Type : PO Number		**Reference No :** AU PUNJAB/PO/2024-25/04053 Dt.: 09/01/2025	
Customer Name	Amity University Punjab (AMC)		
Address	Block-D, Sector-82, Alpha, IT City, SAS Nagar, Mohali, Punjab	**Period of Sampling**	18/01/2025 - 18/01/2025
Sampling Protocol	IS17614 (Part-1)EL-MSP-7.3	**Date of Receipt of Sample**	18/01/2025
Sample Collection Mode	Sample collected by Laboratory Mr. Jasminder singh	**Period of Analysis**	18/01/2025 - 25/01/2025
Testing Location	Permanent Facility	**Date of reporting**	25/01/2025
Sampling Location	STP Outlet		
Sample Description	Colourless liquid.		
Standard/Specifications	Sewage- STP other than Metro Cities G.S.R. 1265 (E)		
Packing, Markings, Seal & Qty.	PE Bottle-1 litre (J/18/04A), Glass Bottle-1 litre (J/18/04B) & Glass Bottle-1 litre (J/18/04C)		

RESULTS

1. Chemical Testing

I. Pollution & Environment (Sewage)

Sr.No	Test Parameter	Unit	Result	Standard	Test Method
1	pH @ 25°C	-	7.58	6.5-9.0	IS 3025 (Part 11)
2	Total Suspended Solids	mg/l	7.6	<100(Max.)	IS 3025 (Part 17)
3	Biochemical Oxygen Demand (BOD) at 27°C for 3 Days	mg/l	8.6	30(Max.)	IS 3025 (Part 44)
4	Chemical Oxygen Demand (COD)	mg/l	24	Not Specified	IS 3025(Part 58)
5	Oil & Grease	mg/l	BDL (4)	Not Specified	IS 3025 (Part 39)

Remarks : NA

End of Report

Mr. Umesh Kumar
Authorized Signatory- Chemical

ECO BHAWAN E-207, Industrial Area, Phase VIII-B (Sector-74), Mohali (Punjab) 160071

0172-4616225 9781303109 contact@ecoparyavaran.org | md@ecoparyavaran.org www.ecoparyavaran.org

Annexure III
RO Plant and Water Softening Plant bill

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

DELTAPURE TECHNOLOGIES (INDIA) PRIVATE LIMITED PLOT NO. 14/5, JAINCO COMPLEX, MATHURA ROAD, SECTOR-31, FARIDABAD, HARYANA- 121003 Contact No.:0129-4885210/9540006401 GSTIN/UIN: 06AAACD4535A1ZB CIN: U29259DL1996PTC081797 E-Mail : accounts@deltapuretech.com	Invoice No. **TI/07/21-22/64** Dated **26-Jul-2021** Delivery Note Mode/Terms of Payment 50% ADV. 40 % ON DELIVERY 10 % ON INSTALLATION Supplier's Ref. Other Reference(s) Buyer's Order No. **AUPUNJAB/PO/2020-21/01932** Dated **23-Mar-2021** Despatch Document No. Delivery Note Date Despatched through **VEHICLE NO. HR37D9901** Destination **MOHALI (PUNJAB)** Terms of Delivery **UNLOADING : CLIENT SCOPE**
Buyer **AMITY UNIVERSITY PUNJAB** BLOCK-D, SECTOR-82, ALPHA IT CITY SAS NAGAR, MOHALI (PUNJAB) Punjab, Code : 03 GSTIN/UIN:URP Place of Supply : Punjab	

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	**RO PLANT 1000LPH** *RDET58745-INDUSTRIAL RO PLANT 1000 LPH WITH SS316 TANK CAPACITY 1000 LPH*	84212110	**1 Nos.**	5,05,000.00	Nos.	**5,05,000.00**
2	**WATER SOFTENER** *RDET58745- WATER SOFTENER FILTRATION RATE 20 Cum/hr.*	84212110	**1 SET**	4,60,000.00	SET	**4,60,000.00**
						9,65,000.00
	IGST @18%			*18*	%	**1,73,700.00**
	Total					**₹ 11,38,700.00**

E. & O.E

Amount Chargeable (in words)

Rupees Eleven Lakh Thirty Eight Thousand Seven Hundred Only

HSN/SAC	Taxable Value	Integrated Tax	
		Rate	Amount
84212110	9,65,000.00	18%	1,73,700.00
Total	9,65,000.00		1,73,700.00

Tax Amount (in words) : **Rupees One Lakh Seventy Three Thousand Seven Hundred Only**

Company's PAN : **AAA CD 4535 A**

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details

Bank Name : **ICICI BANK A/C. 102305000833**

A/c No. : **102305000833**

Branch & IFS Code : **ALAKNANDA SHOPPING CENTER & ICIC0001023**

for **DELTAPURE TECHNOLOGIES (INDIA) PRIVATE LIMITED**

Authorised Signatory

SUBJECT TO FARIDABAD (HARYANA) JURISDICTION

This is a Computer Generated Invoice

Stock register Entry no. 23 26/07/21

Annexure IV
STP installation certificate as well as Dimensional Drawing

Eco Paryavaran Engineers & Consultants Pvt. Ltd.
Pollution Control Equipments and Recycling Systems
CIN : U99999PB2006PTC038200
restoring eco balance...
ISO 9001:2015

Ref No- EPEC/20-21/AU/MOHALI/0020 Dated:2.11 2020

TO WHOMSOEVER IT MAY CONCERN

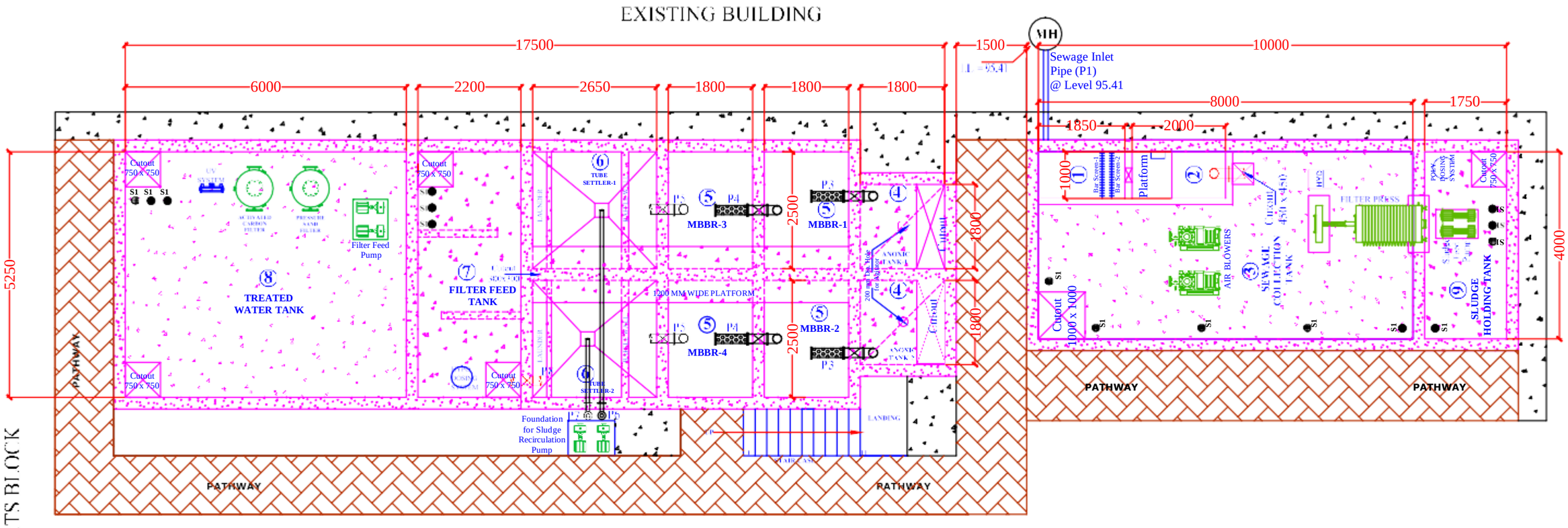
This is to certify that we have successfully Completed the Work of Design supply, Installation, Erection & Testing the Sewage Treatment Plant of capacity 135 KLD Against Purchase Order No: AU PUNJAB/PO/2019-20/05047 on Date: 27.02.2020 at your site. AMITY UNIVERSITY, MOHALI. Sector-82, Block – D, Alpha, IT city SAS Nagar, Mohali. On dated: 02.11.2020

The plant has been completely handover to M/s. AMITY UNIVERSITY MOHALI on dated: 02.11.2020

Plant Handover by **Plant Takeover by**

M/s Eco Paryavaran Engineers & Consultants Pvt. Ltd.

M/s Amity University Mohali



LAYOUT PLAN

RUNNING TRACK

S.No.	Legend	Internal Dimension (mm)	Qty.	MOC
1.	Screen Chamber	1850 X 1000 X 250 SWD + 500 FB	One	RCC
2.	Oil & Grease Chamber	2000 X 1000 X 1000 SWD + 750 FB	One	RCC
3.	Sewage Collection / Equalization Tank	8000 X 4000 X 2500 SWD + 2590 FB	One	RCC
4.	Anoxic Tank	1800 X 1800 X 4000 SWD + 500 FB	Two	RCC
5.	MBBR Reactor - 1,2,3 & 4	2500 X 1800 X 3900 SWD + 600 FB	Four	RCC
6.	Tube Settler Tank-1 & 2	2500 X 2650 X 3800 SWD + 700 FB	Two	RCC
7.	Filter Feed Tank	5250 X 2200 X 2450 SWD + 500 FB	One	RCC
8.	Treated Water Tank	5250 X 6000 X 2450 SWD + 500 FB	One	RCC
9.	Sludge Holding Tank	4000 X 1750 X 1500 SWD + 650 FB	One	RCC

DRAWING TITLE:
LAYOUT PLAN OF
SEWAGE TREATMENT PLANT

Drawn By:	Checked By:	Approved By:
Monika	Vijayendra Singh	Ankit Mohta
Date:	Revision Date:	Revision:
02-Mar-2020	11-August-2020	

Eco Paryavaran Engineers & Consultants Pvt. Ltd.
Head Office: Eco Bhawan, S-287, 284 & 285, Industrial Area, Phase VIII-B (Sector-74)
Mohali (Pb.) 160071, Telefax: 0172-4616225,
Mobile: +91-97813-03118, +91-88720-43222
Email: marketing@ecoparyavaran.org

Drawing No. :Eco/Amity/STP/SITE_LAY/01

CLIENT:
M/s Amity University, Mohali, Punjab

PROJECT:
STP of Capacity 135 KLD x 2 = 270 KLD

Scale: NTS | Sheet:01

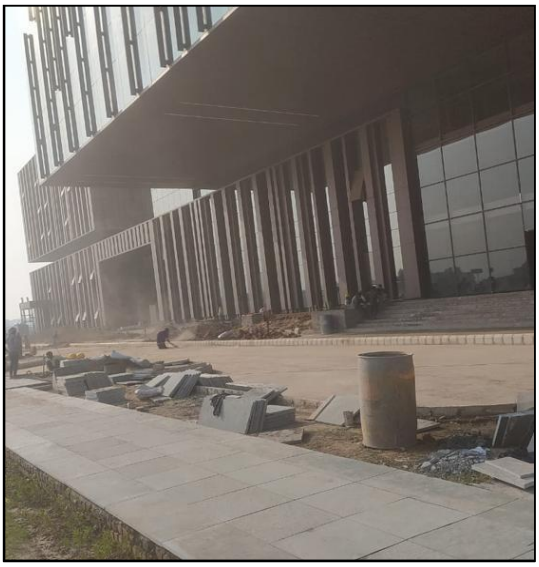
Annexure V
Project Photographs


AMITY UNIVERSITY


Rain
Water
Harvesting
Pits


HOW TO USE
FIRE
EXTINGUISHER
Remember the PASS word
P A S S


PCF

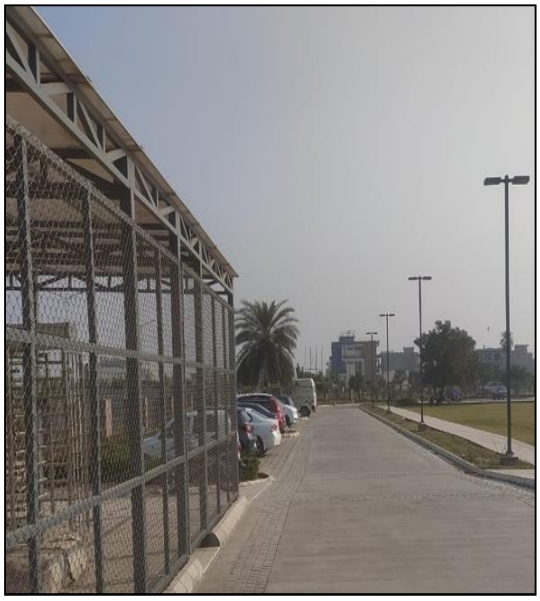


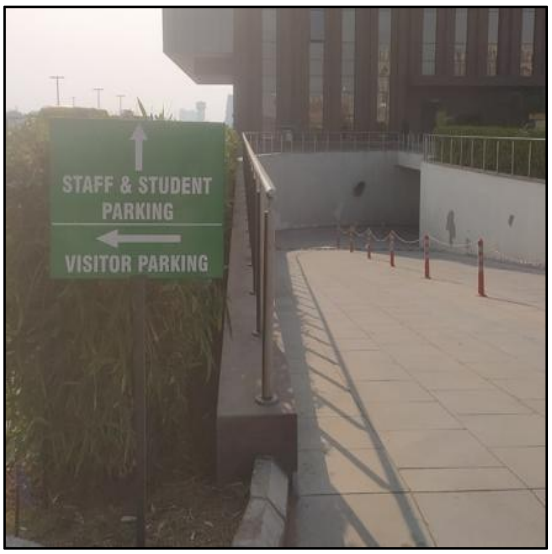

PUMP
HOUSE
WTP

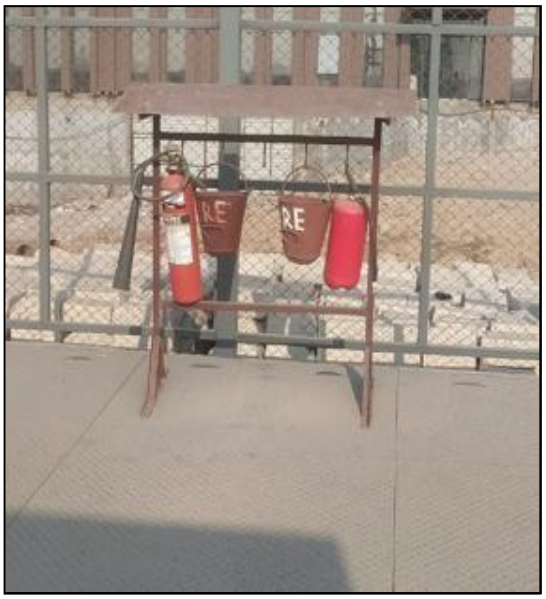

ARISTO


ARISTO


Rain
Water
Harvesting
Pits




STAFF & STUDENT
PARKING
VISITOR PARKING



CSR PHOTOGRAPHS


AMITY
UNIVERSITY


G.N.
SWEETS


ADMISSIONS


AMITY UNIVERSITY PUNJAB
COVISHIELD

Annexure VI
Details of Environment Monitoring Cell

AMITY UNIVERSITY
PUNJAB

(Established vide Amity University, Punjab Act 6 of 2021)

AUPM/Order/RO/2022/24 **Dated 23/12/2022**

OFFICE ORDER

Worthy Vice Chancellor is pleased to constitute Environment Management Committee comprising of the following members to ensure Sustainable Environmental Management in the University campus.

1. Prof. Neerja Babbar, Chairperson
2. Dr. Doyeli Sanyal,Member
3. Dr. Pratap Reddy Maddigappu,Member
4. Dr. Amardeep Singh Virdi, Member
5. Mr. Damanpreet Singh Chugh, Member
6. Mr. Sachin Saini,Member
7. Mr. Ayush Mendiratta, Member
8. Mr. Yashvir Singh, Member

The Environmental Committee will be responsible for implementation and monitoring of all parameters related to Sustainable Environmental Management at Amity University Punjab.The committee will ensure monitoring & audit of the Environment Management processes in & around the University campus and recommend advanced practices to meet sustainable global environmental standards, compliances of the concerned regulatory bodies like MOEF,PPCB,CGWA,MC etc. The copy of MOM will be submitted to the Registrar's Office on regular basis for the perusal of the Competent Authority.

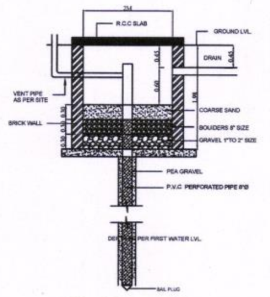
A copy of Gazette Notification No. S.O. 3252(E) dated 22nd December,2014 is enclosed for reference.

23/12/22.
Registrar
Amity University Punjab

- Issued to all members of the committee
- Forwarded to the following for kind information
  1. Mr. Gauravh Gupta, VP, Amity Education Group
  2. Director IQAC, Amity University Punjab, Mohali
  3. EA to Vice Chancellor, Amity University Punjab, Mohali
  4. Director Admin & operations

Annexure VII

Approved Layout Plan



AMITY MOHALI UNIVERSITY HOSTEL BLOCK OCCUPANCY			
	FAR AREA	OCCUPANCY As per FAR Area	OCCUPANCY Acctual Provided
	TOTAL	HOSTEL	
Floor	Area (Sq.M)	(12.5 Sq.M PER PERSON)	
Ground			
First	2980.49	238	76
Second	2574.30	206	101
Third	2574.30	206	101
Fourth	2574.30	206	101
Fifth	2574.30	206	101
Total	13277.69	1062	480

HOSTEL (TOILET CALCULATION)									
	MALE 531 (50%)				FEMALE(531)			HA.	
FLOOR	WC	WB	Urinal		WC	WB		WC	WB
FIRST FLOOR	14	14	7		16	16		2	2
SECOND FLOOR	16	16	10		22	22			
THIRD FLOOR	16	16	10		17	17			
FOURTH FLOOR	16	16	10		17	17			
FIFTH FLOOR	16	16	10		17	17			
PROVIDED	78	78	47		89	89		2	2
REQUIERED	66	66	21		89	89		1	1

TOILET REQUIRMENTS HOSTEL					
	HOSTEL OCCUPANCY (AS / 12.5 SQM)				
	1062				
	MALE (50%)	FEMALE (50%)		MALE	FEMALE
	531	531		531	531
	REQUIRED			PROVIDED	
WC	66	89		78	89
WB	66	89		78	89
URINAL	21			47	

AMITY MOHALI UNIVERSITY ACADEMIC BLOCK OCCUPANCY		
	FAR AREA	OCCUPANCY
	TOTAL	EDUCATION
Floor	Area (Sq.M)	(4 Sq.M PER PERSON)
Ground	15016.38	3754
First	9769.06	2442
Second	9427.8	2357
Third	9899.82	2475
Fourth	9899.82	2475
Fifth	9899.82	2475
Sixth	3607.9	902
Total	67520.6	16880

ACADEMIC TOILET CALCULATION)									
	MALE				FEMALE			HA.	
FLOOR	WC	WB	Urinal		WC	WB		WC	WB
GROUND FLOOR	13	13	35		19	19		3	3
FIRST FLOOR	23	17	57		55	41		4	4
SECOND FLOOR	26	19	65		54	42		4	4
THIRD FLOOR	45	27	81		66	48		4	4
FOURTH FLOOR	45	27	81		66	48		4	4
FIFTH FLOOR	45	27	81		66	48		4	4
SIXTH FLOOR	20	20	24		16	12			
BASEMENT FLOOR	3	3	8		4	5		1	1
PROVIDED	220	153	432		346	263		24	24
REQUIERED	211	141	422		338	211			

TOILET REQUIRMENTS ACADEMIC				
	ACADEMIC OCCUPANCY			
	16880			
	MALE	FEMALE	MALE	FEMALE
	8440	8440	8440	8440
	REQUIRED		PROVIDED	
WC	211	338	220	346
WB	141	211	153	263
URINAL	422		432	

TOTAL PLOT AREA	(40.44 Acre)	=	163653.60	SQMT
PERMISIBLE GROUND COVERAGE 40% OF PLOT AREA		=	65461.4412	SQMT
ACHIEVE GROUND COVERAGE (11.68 %)		=	18641.53	SQMT
PERMISIBLE F.A.R (1.5)		=	245480.40	SQMT
ACHIEVE F.A.R		=	80798.27	SQMT
REMAINING F.A.R		=	164682.14	SQMT

CAR PARKING

Required Parking as/Norms @ 1 ECS/100 sqmt.
Required Parking = 78974.65 / 100 = 790 ECS
Provided Parking = 896 ECS
ECS provided on Surface =508
Visitor parking =50 (10% of surface parking)
ECS provided in Basement = 338

TREES REQUIRED

Required Trees as/Norms @ 225 sqmt.
Required trees 89306.79 / 225 = 397
Provided Trees = 400 nos

PLAY FIELD REQUIRED

Required play field as/Norms 15 % of plot area
Required play field 163653.603 x 15% = 24548.04 sqmt
Provided play field = (109x191.47) + (100x45) = 24658.43 sqmt

First Basement area =	14269	SQMT.
Second Basement area =	9538	SQMT.
Total Basement area =	23807	SQMT.
Mumty area =	672.74	SQMT.

COVERED AREA DETAILS ACADEMIC :-		
COVERED AREA ON GR. FLOOR =	15016.38	SQMT.
COVERED AREA ON 1ST FLOOR =	10382.02	SQMT.
COVERED AREA ON 2ND FLOOR =	10674.46	SQMT.
COVERED AREA ON 3RD FLOOR =	11152.75	SQMT.
COVERED AREA ON 4TH FLOOR =	11152.75	SQMT.
COVERED AREA ON 5TH FLOOR =	11152.75	SQMT.
COVERED AREA ON 6TH FLOOR =	4039.30	SQMT.
TOTAL ACADEMIC COVERED AREA =	73570.41	SQMT.

F.A.R. AREA DETAILS ACADEMIC :-		
F.A.R. AREA ON GR. FLOOR =	15016.38	SQMT.
F.A.R. AREA ON 1ST FLOOR =	9769.06	SQMT.
F.A.R. AREA ON 2ND FLOOR =	9427.80	SQMT.
F.A.R. AREA ON 3RD FLOOR =	9899.82	SQMT.
F.A.R. AREA ON 4TH FLOOR =	9899.82	SQMT.
F.A.R. AREA ON 5TH FLOOR =	9899.82	SQMT.
F.A.R. AREA ON 6TH FLOOR =	3607.90	SQMT.
TOTAL ACADEMIC F.A.R AREA =	67520.60	SQMT.

COVERED AREA DETAILS HOSTEL :-		
COVERED AREA ON IST FLOOR =	3199.77	SQMT.
COVERED AREA ON 2ND FLOOR =	2794.94	SQMT.
COVERED AREA ON 3RD FLOOR =	2794.94	SQMT.
COVERED AREA ON 4TH FLOOR =	2794.94	SQMT.
COVERED AREA ON 5TH FLOOR =	2794.94	SQMT.
TOTAL HOSTEL COVERED AREA =	14379.52	SQMT.

F.A.R. AREA DETAILS HOSTEL :-		
F.A.R. AREA ON 1ST FLOOR =	2980.49	SQMT.
F.A.R. AREA ON 2ND FLOOR =	2574.30	SQMT.
F.A.R. AREA ON 3RD FLOOR =	2574.30	SQMT.
F.A.R. AREA ON 4TH FLOOR =	2574.30	SQMT.
F.A.R. AREA ON 5TH FLOOR =	2574.30	SQMT.
TOTAL HOSTEL F.A.R AREA =	13277.67	SQMT.

TOTAL COVERED AREA (ACADEMIC+HOSTEL)	87949.92	SQMT.
TOTAL FAR (ACADEMIC+HOSTEL)	80798.27	SQMT.

NON F.A.R. AREA DETAILS ACADEMIC :-		
NON F.A.R. AREA ON GR. FLOOR =	0.00	SQMT.
NON F.A.R. AREA ON 1ST FLOOR =	612.96	SQMT.
NON F.A.R. AREA ON 2ND FLOOR =	1246.66	SQMT.
NON F.A.R. AREA ON 3RD FLOOR =	1252.90	SQMT.
NON F.A.R. AREA ON 4TH FLOOR =	1252.90	SQMT.
NON F.A.R. AREA ON 5TH FLOOR =	1252.90	SQMT.
NON F.A.R. AREA ON 6TH FLOOR =	431.40	SQMT.
TOTAL ACADEMIC NON F.A.R AREA =	6048.72	SQMT.

NON F.A.R. AREA DETAILS HOSTEL :-		
NON F.A.R. AREA ON 1ST FLOOR =	219.28	SQMT.
NON F.A.R. AREA ON 2ND FLOOR =	220.64	SQMT.
NON F.A.R. AREA ON 3RD FLOOR =	220.64	SQMT.
NON F.A.R. AREA ON 4TH FLOOR =	220.64	SQMT.
NON F.A.R. AREA ON 5TH FLOOR =	220.64	SQMT.
TOTAL HOSTEL NON F.A.R AREA =	1101.84	SQMT.

SURFACE ECS CALCULATION

1	86.87	X	5	=	434.35	SQMT.
2	166.185	X	5	=	830.93	SQMT.
3	87.37	X	5	=	436.85	SQMT.
4	114.86	X	5	=	574.30	SQMT.
5	55	X	5	=	275.00	SQMT.
6	5	X	100	=	500.00	SQMT.
7	72.5	X	5	=	362.50	SQMT.
8	70	X	5	=	350.00	SQMT.
9	152.5	X	5	=	762.50	SQMT.
10	87.5	X	5	=	437.50	SQMT.
11	80	X	5	=	400.00	SQMT.
12	16	X	89.8	=	1436.80	SQMT.
13	6	X	95	=	950.00	SQMT.
14	16	X	95.785	=	1532.56	SQMT.
[illegible]						

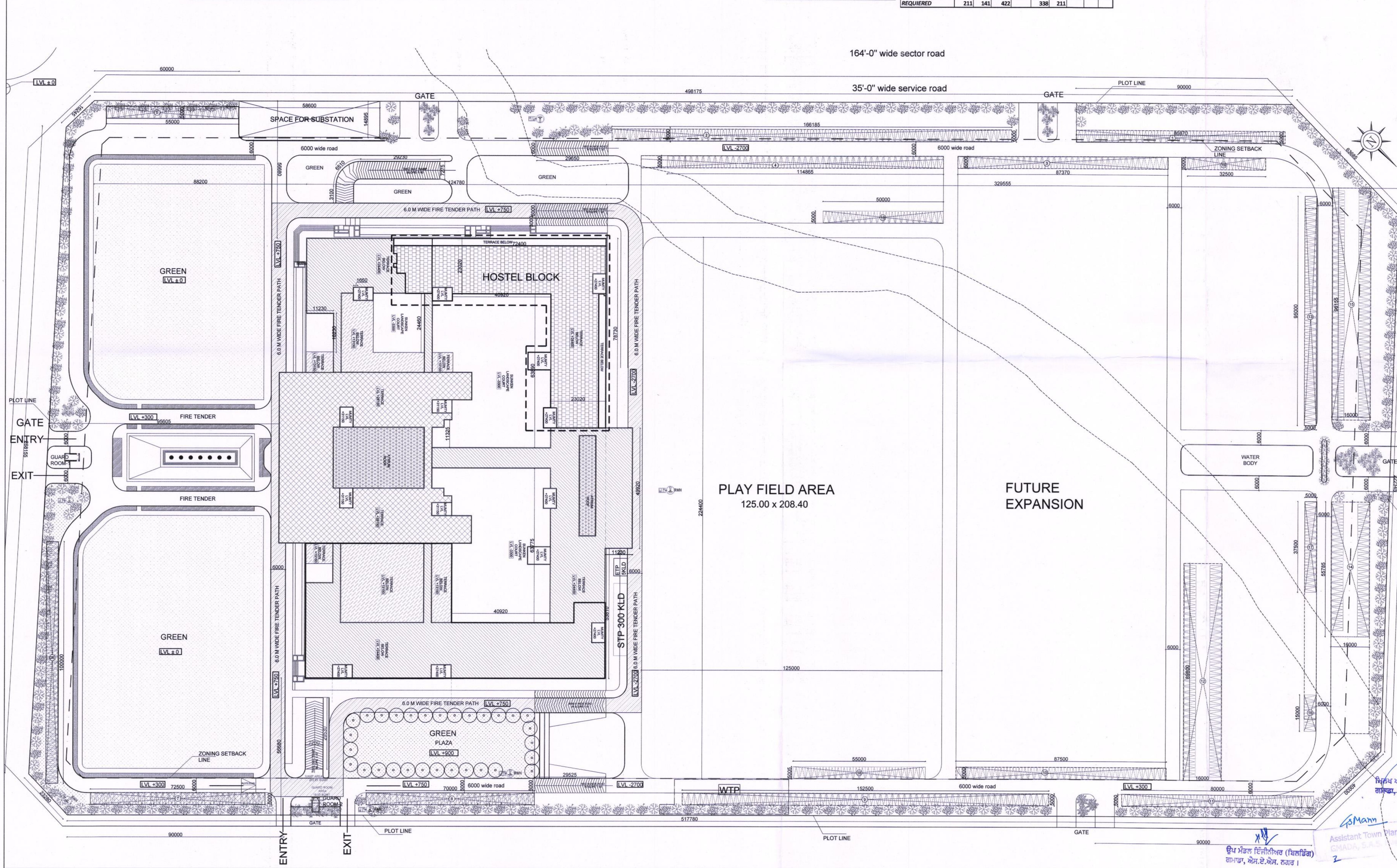
PHASE - 01 SURFACE ECS CALCULATION

6	5	X	100	=	500.00	SQMT.
7	74.54	X	5	=	372.70	SQMT.
8	71	X	5	=	355.00	SQMT.
TOTAL				=	1227.70	SQMT.
ECS calculation on Surface @ 23sq.mt				=	53.38	ECS

PHASE - 01 FIRST BASEMENT ECS CALCULATION

[illegible]

2	39.845	X	11	=	438.30	SQMT.
3	94.905	X	52.15	=	4949.30	SQMT.
TOTAL (X)				=	6685.08	SQMT.
DEDUCTION						
A	11.23	X	8.46	=	95.01	SQMT.
B	11.58	X	6.35	=	73.52	SQMT.
C	0.63	X	0.86	=	0.54	SQMT.
D	11.46	X	8.23	=	94.32	SQMT.
E	8.215	X	7.1	=	58.33	SQMT.
F	39.8	X	3.6	=	143.28	SQMT.
TOTAL (Y)				=	321.71	SQMT.
TOTAL AREA IN SECOND BASEMENT		(X-Y)		=	6685.08-321.71	
					6363.36	SQMT.
TOTAL AREA IN BASEMENT				=	10826.51	SQMT.
ECS calculation in Basement @ 32sq.mt				=	338.33	ECS



NOTES :-

1. Fire safety and structural stability norms shall be as per N.B.C. 2016.
2. Owner shall be responsible for the structural stability of the building.
3. Roof Top Solar Photovoltaic Installation :- Roof Top Solar Photovoltaic Installation is as per rule no.40 of Punjab Urban Planning and Development Rules, 2018 and amendments made thereafter.
4. Rooftop rain water harvesting and ground water recharging system shall be as per notification no.2/1/2002.HGI/PART.2/28505 at 25.08.2010.
5. Promoters shall be comply with Punjab ECBC - 2016 rules.
6. No tree shall be cut without approval of Xen. horticulture GMADA.
7. One tree for every 225 sqm of Built up area shall be provided.
8. Any deficiency in Light and Ventilation shall be covered by Artificial Light and Mechanical ventilation.

DRAWING TITLE

SITE PLAN

PROJECT

REVISED DRAWING FOR AMITY UNIVERSITY, MOHALI

EDUCATION FOUNDATION

OWNER'S SIGNATURE

Authorized Signatory

ARCHITECT'S SIGNATURE

A B.ARCH,AIIA,FIV
Architect & Wealth Tax Valuer
603, Chiranjiv Tower
43 Nehru Place, New Delhi-11019

ARCHITECT

www.vga.co.in
801, CHIRANJIV TOWER 43, NEHRU PLACE, NEW DELHI-110019
T 91 1126414763, 26410790, 46509432-34 F 91 11 26294062

SCALE
1:500

DRAWN BY

CHECKED BY

DATE
30.06.2022

SHEET NO
S-01

Assistant Town Planner
GMADA, S.A.S. Nagar