

**HALF YEARLY COMPLIANCE REPORT
OF
ENVIRONMENTAL CLEARANCE
(April, 2022 - September, 2022)**

FOR

**Proposed Fourteen Blocks of (S+4) Storied Residential Apartment
Building and Two Storied Club-cum-Society Building**

OF

M/S TRIDENT PROPERTIES PVT. LTD

At Mouza- Paikarapur, Bhubaneswar, Dist- Khurda, Odisha

Name of the Project: Proposed Fourteen Blocks of (S+4) Storied Residential Apartment Building and Two Storied Club-cum-Society Building of M/s Trident Properties Pvt. Ltd. at Mouza-Paikarapur, Bhubaneswar, Dist- Khurda, Odisha.

Clearance Letter/s No. and date: Letter No. 6361/SEIAA, dated 30.11.2018

Period of Compliance Report: April 2022 to September 2022

Stipulated Conditions:

Implementation of the remediation plan as well as Natural and Community Resource Augmentation Plan

Sl. No.	Conditions	Compliance Status
1	The project proponent shall implement the remediation plan as well as Natural and Community Resource Augmentation Plan as submitted in the Final EIA/EMP Report in Chapter - 11	Implemented before operation of the building.
2	The project proponent shall harvest rainwater equivalent to an amount in the existing premises as well as nearby areas	We have proposed 22 nos. of recharge pits in the proposed building.
3	The project proponent shall provide separate storage bins for municipal waste collection and treat in Organic waste converter to produce cornposited particles for use as manure.	We have provided separate storage bins for collection of Municipal Solid Waste and also provided Organic Waste Converter.
4	Greenbelt shall be developed along the periphery on 20% of total land, that is, 9715.93 sqmt area with suitable species.	Greenbelt is developed all around periphery of the proposed building and total 9715.93 sqm area is earmarked for greenbelt development.
5	Solar street light shall be provided on the road side. Internal lighting through energy efficient LED lights	Solar lighting will be provided on the road and solar panel will be installed in roof of the building.

Specific Conditions

Sl. No.	Conditions	Compliance Status
6	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981	Consent to Establish was obtained from State Pollution Control Board, Odisha vide <u>letter no. 13094/IND-II-CTE-6533, dated 28.07.2022</u> prior to start of any Construction activity in the project site. Copy of Consent to Establish letter

	and the Water (Prevention and Control of Pollution) Act, 1974.	is attached in Annexure-1 .
7	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measure from lightening etc.	All statutory clearances have already been obtained by Trident Properties Pvt. Ltd. from concerned authorities.
8	Project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	The building plan has been already approved by Bhubaneswar Development Authority vide letter no. 3446/BDA, Bhubaneswar, dated 06.02.2020, and all required NOC as per BDA sanction letter has also been obtained. Copy of approval letter is attached in Annexure-2 .
9	The project proponent shall ensure that the guidelines for building and construction projects issued vide this Ministry's OM NO.19-2/2013-IA.III dated 9 th June, 2015, are followed to ensure sustainable environmental management.	We follow the guideline of building and construction projects issued vide this Ministry's OM NO.19-2/2013-IA.III dated 9 th June, 2015.
Topography and Natural Drainage		
10	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the nature drainage through the site, on wetland and water bodies. Check Dams, bio-swales, landscape and other Sustainable Urban Drainage System (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Building shall be designed to follow the natural topography as much as possible, Minimum cutting and filling should be done.	The natural drain system is maintained as such, no construction activity is taking place near it. Drainage Plan for the project has been approved by Bhubaneswar Development Authority and the waste water will be discharged to Municipal drain. Copy of drainage approval letter from BDA is attached in Anenxure-3 .
Water requirement, Conservation , Rain Water Harvesting , and Ground Water Recharge		
11	As proposed, fresh water requirement	The fresh water requirement of the proposed

	from Ground Water supply shall not exceed 551.4 m ³ /day.	project is only 456 m ³ /day which will be pumped from ground water source. The clearance letter from CGWA to draw Ground Water is attached in Annexure-4 .
12	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users	Water will be drawn from Ground Water source. Permission from CGWA is already obtained. Ground Water Monitoring report is attached in Annexure-5 .
13	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC and SEIAA, Odisha along with six monthly Monitoring report.	The quantity of fresh water drawn from bore wells will be metered, and record will be maintained, however the rain water harvesting will be done after completion of construction work. Yes report will be submitted.
14	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycling water for flushing, landscape irrigation, car washing, thermal cooling conditioning etc. shall be done.	Agreed, The Scheme of providing Dual Plumbing system has been done for the proposed project, and will be used for supply of fresh water & recycle water for Landscape, irrigation and Car washing.
15	Use of water saving device/fixtures (viz. low flow flushing system; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Agreed, Low flow faucets tap aerators will be used in the proposed building.
16	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing	Dual Plumbing system will be implanted in the proposed building.

	system be done.	
17	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Pre-mixed concrete is used for construction of the proposed building.
18	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed 05 (five) nos. of rain water harvesting recharge pits shall be provided.	Proper drainage system will be developed within the project site to allow free flow of runoff to the storm water drain. From the storm water drain, the rain water will be channelized into the rain water recharge pits. Total 22 nos. of recharge pits will be provided in the proposed building. During construction phase, the domestic waste water generated from the labour camp is being discharged to Soak-pit through septic tank.
19	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering. The proponent shall also obtain permission from Water Resources Department Govt. of Odisha for drawal of water.	Water will be drawal from Ground Water source. Permission from CGWA is already been obtained and clearance letter is attached in Annexure-4 .
20	A complete plan for rainwater harvesting at the proposed site shall be drawn up and implemented to minimize ground water withdrawal thereby recharging ground water in the area. The complete rainwater harvesting plan after implementation shall be submitted to SEIAA.	We have proposed 22 nos. of recharge pits in the proposed building.
Solid Waste Management :		
21	The provision of the Solid Waste (Management) Rules; 2016, E-Waste (Management) Rules; 2016, and the Plastics Waste (Management) Rules; 2016 shall be followed.	This will implement in the Operation Phase. The proposed scheme will be put in place once the occupancy starts.

22	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precaution for general safety and health aspects of people, only in approved sites with the approval of competent authority.	During construction phase, no muck is disposed off outside the project area. Generated muck is presently utilized partly for back filling. Hence, any type of adverse effect on the neighboring communities will not arise.
23	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.	Proper waste management practices like collection and segregation of solid waste in different colour waste collection bins will be adopted.
24	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	The project is not generating hazardous waste. Construction spoils including bituminous material are reused in backfilling.
25	A certificate from the competent authority handling municipal solid waste, indicating the existing civic capacities of handling and their adequacy to cater to Municipal Solid Waste generated from project shall be obtained.	Proper waste management practices like collection and segregation of solid waste in different colour waste collection bins will be adopted.
Sewage Treatment Plan & Maintenance		
26	Sewage shall be treated in the STP of capacity 500 KLD with tertiary treatment. The treated effluent from STD shall be recycled/re-used for flushing, gardening and DG Cooling. As proposed excess treated water shall be	Sewerage will be treated in Sewage Treatment Plant. STP of 500 KLD capacity will be operational with the operation phase of the project. The STP treated water will be reused in Flushing, Landscaping, Gardening, Car wash, etc.

	used for nearby construction site or will discharge to municipal sewer with prior permission of competent authority.	
27	A certificate from the competent authority shall be obtained for discharging treated effluent/untreated effluents into the public sewer /disposal/drainage systems along with the final disposal point.	Permission to discharge in Municipal drain has been obtained. Drainage letter is attached in Annexure-3 .
28	No sewage or untreated effluent water would be discharge through storm water drains	Agreed. No untreated effluent water will be mixed with storm water drain. Two separate drain line will be constructed in the proposed project.
29	The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Odisha before the project is commissioned for operation. Periodical monitoring of water to quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP	The construction of the 500 KLD capacities STP is going by an accredited agency in this field along with the construction of housing apartment. The STP Installation will be done by the same agency. Annual Maintenance Contract (AMC) agreement will be signed with it and the copy will be submitted to SEIAA, Odisha. Treated sewerage quality will be periodically Monitored.
30	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environment Engineering Organization (CPHEEO) Manual on sewerage and sewage Treatment Systems, 2013	Noted, Sludge generated from sewage treatment plant will be maintained as per Central Public Health and Environment Engineering Organization (CPHEEO) Manual on sewerage and sewage Treatment Systems, 2013.
Energy Conservation Measures		
31	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED.	It will be implemented as per the Guidelines.

	<p>Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc, shall be incorporated in the building design, wall, window, and roof u-values shall be as per ECBC specification.</p>	
32	<p>Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.</p>	<p>It will be implemented as per the Guidelines.</p>
33	<p>Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 5% of the demand load or as per the state level/local building byelaws. Whichever is higher. Follow super ECBC requirement of ECBC 2017 and provide compliance report</p>	<p>We have provided Solar PV system for Common areas Lighting like Corridors, Roads, Parking and Landscape Lighting etc.</p> <p>We have consider solar power of >5% to total the demand load of the complete complex/project.</p>
34	<p>Solar power shall be use for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws whichever is higher. Residential buildings are recommended to meet its hot water demand from solar</p>	<p>We have provided Solar PV system for Common areas Lighting like Roads, Parking and Landscape Lighting etc.</p> <p>We have consider solar power of >5% to total the demand load of the complete complex/project.</p> <p>The provision of solar power heater is being provided.</p>

	water heaters, as far as possible	
35	Use of environment friendly material in brick, blocks and other construction material, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27 th August, 2003 and 25 th January 2016. Ready mixed concrete must be used in building construction	Fly Ash bricks will be used.
36	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be submitted	Power will be supplied by TPCODL (TATA Power Central Odisha Distribution Limited).
Air quality and noise quality Monitoring & Preservation		
37	Construction site shall be adequately barricaded before the construction begins. Dust, Smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicle bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent	Air pollution control measures like barricading the construction site, transporting & storing raw materials like sand, cement, murrum, etc with covering by plastic/tarpaulin sheets, water sprinkling on unpaved, stone grinding area, etc are implemented. This has resulted in maintaining air pollution under control. AAQ Monitoring has been carried out at the project site and the latest report is enclosed as Annexure-6 .

	dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose oil shall be adequately sprinkled with water to suppress dust	
38	All construction and demolition debris shall be store at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading , unloading, carriage, of construction material and construction debris or working in any area with dust pollution shall be provide with dust mask	<p>The proposed project site is new construction, there is no demolition waste generated in the site.</p> <p>During construction phase, waste generated from construction is used in backfilling & Road sub way Construction.</p> <p>100% construction materials will be used in site. No waste will be disposed in outside the premises.</p>
39	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with	<p>The proposed project site is new construction, there is no demolition waste generated in the site.</p> <p>During construction phase, waste generated from construction is used in backfilling & Road sub way Construction.</p> <p>100% construction materials will be used in site. No waste will be disposed in outside the premises.</p>
40	The gaseous emission from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosed shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms	Diesel Generator (DG) sets will be placed away from the nearest building and the silent DG sets are generating low noise, considerable stack height is maintained and massive green belt will be developed to minimize the noise propagation from the premises.
41	For indoor air quality the ventilation	Agreed

	provision as per National Building Code of India shall be provided	
42	Ambient noise levels shall conform to residential standard both during day and night as per Noise pollution (Control and Regulation) Rules 2000. Incremental pollution loads on the ambient air and noise quality shall be made closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB	Adequate measures have been taken to reduce noise level during construction phase. Noise Monitoring has been carried out at the project site and the latest report is enclosed as Annexure-7 .
Green Cover		
43	No tree cutting/transplantation of existing trees has been proposed in the instant project. A minimum of 1 tree for every 80 m ² of land should be planted and maintained. The existing tree will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 9715.93 m ² area (22.74% of plot area) shall be provided for green area development.	No tree has been cut down for the project. We are setting up of our own nursery for developing green belt in the project. The plantation scheme will be followed, as proposed.
Top Soil Preservation and Reuse		
44	Topsoil should be tripped to a depth of 20 cm from the areas proposed for building, roads, pave areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site	The excavated soil from the construction part will be used for backfilling and the fertile top soil will be used for greenbelt and landscape development purpose. The excavated top soil is stored at the site, which will be used for pit filling during plantation.
Transport		
45	A comprehensive mobility plan, as per	Road network has been adequately prepared

	<p>Minister of Urban Development best practices guidelines (URDPF), shall be prepared to include motorized, non-motorized, public, private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.</p> <ul style="list-style-type: none"> • Hierarchy of road with proper segregation of vehicular and pedestrian traffic. • Traffic calming measures. • Proper design of entry and exit points. • Parking norms as per local regulation. 	<p>and provided.</p> <p>Parking will be provided as per building bye laws requirements.</p>
46	<p>A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project</p>	<p>Prepared, within the project.</p>
47	<p>This plan should be based on cumulating impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validate and certified by the State Urban Development department and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments</p>	<p>Prepared, within the project.</p>
48	<p>Vehicles hired for bringing construction material to the site should be in good</p>	<p>Yes, it is being followed</p>

	condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operate during non-peak hours.	
Environment Management Plan		
49	An Environment Management Plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The Environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plan, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewal energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.	Environment Management Plan has been submitted to SEIAA Odisha at the time of Environment Clearance. Accordingly EMP will be implemented in the project site.
Others		
50	Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STD, safe drinking water medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project	Temporary housing for construction labour has been constructed with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STD, safe drinking water, medical health care, crèche etc, After completion of project this structure will be disposed off.
51	A First Aid Room shall be provided in the project both during construction and operations of the project.	First Aid Room has been provided at the construction site and this will continue to provide service in operation of the building.
52	The Company shall draw up and implement corporate social responsibilities	The company will be implemented Corporate Social Responsibility (CSR) plan

	plan as per the company's Act of 2013.	as per company Act, 2013. During the last six months, the company has taken steps to vaccinate workers, Covid testing to workers, donation to temple, donation to school, etc.
53	As per the MoEF&CC, Govt. of India Office Memorandum F.No.22-65/2017-IA. III dated 1 st may 2018, the project proponent is required to prepare and implement Corporate Environment Responsibility (CER) Plan. As per para 6(II) of the said O.M appropriate funds shall be earmarked for the activities such as infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, cross drains, electrification including solar power, solid water management facilities, scientific support and awareness to local farmers to increase yield of crop and fodder, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector, Is should posted on the website of the project proponent.	Noted The company has been contributing towards CSR Activities.

General Conditions

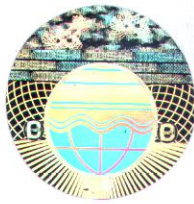
Sl. No.	Conditions	Compliance Status
1	A copy of the Environmental Clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office/Tahasildar's Office for 30 days.	The Environment Clearance letter has been uploaded in company website.
2	The funds earmarked for environmental protection measures shall kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to the SEIAA, Odisha and MoEF&CC, Govt of India and its concerned Regional Office	Funds for environmental protection measures is kept in separate account. Year wise progress will be submitted to SEIAA, Odisha and MoEF&CC, Regional Office, Bhubaneswar.
3	Officials from the Regional Office of MoEF&CC, Bhubaneswar who would be monitoring implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponent during their inspection	Agreed
4	In case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, Odisha	In case of any change in the Building plan, we will intimate to SEIAA, Odisha.
5	The SEIAA, Odisha reserves the right to add additional safeguard measures subsequently. If ground necessary and to take action including revoking of the environmental clearance under the provision of Environmental (protection) Act-1986, to ensure affective implementation of the suggested safeguard measures in a time bound and satisfactory manner	Agreed
6	All other statutory clearances such as the approvals for storage of diesel from Chief	Agreed

	<p>Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act-1980 and the Wildlife (Protection) Act-1972 etc shall be obtained, as applicable by project proponents from the respective competent authorities</p>	
7	<p>These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act-1974, the Air (Prevention and Control of Pollution) Act-1981, the Environment (Protection) Act-1986, the public Liability (Insurance) Act-1991, and the EIA Notification ,2006</p>	Agreed
8	<p>The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the available website of the SEIAA, Odisha. The advertisement shall be made within seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of MoEF&CC, Bhubaneswar</p>	Environment Clearance is advertises in Local News paper.
9	<p>Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>	Noted
10	<p>A copy of the clearance letter shall be sent by the proponent, to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local body and local NGO, if any, from whom suggestions/representations, if any, were received while processing the</p>	Complied

	proposal. The clearance letter shall also be put on the website of the company by the proponent	
11	The proponent shall be submit/upload six monthly reports on the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, PM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the Company in the public domain	Half yearly Environmental Clearance Compliance Report is prepared and being submitted to the Eastern Regional Office, MoEF & CC, Chandrashekharpur, Bhubaneswar. A copy of the same is also submitted to Regional Office of the Ministry of Environment, Forest & Climate Change, Bhubaneswar & State Pollution Control Board, Odisha, Bhubaneswar. EC copy has been uploaded in Company Website.
12	The environmental statement for each financial year ending 31 st march in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules-1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by E-mail	Noted

List of Annexure

Annexure-1	Consent to Establish by SPCB, Odisha
Annexure-2	Bhubaneswar Development Authority (BDA) Approval Letter
Annexure-3	Drainage Approval Letter from BDA
Annexure-4	Ground Water Approval Letter from CGWA
Annexure-5	Water Quality Monitoring Report
Annexure-6	Ambient Air Quality Monitoring Report
Annexure-7	Noise Quality Monitoring Report



Tel : 2564033/2563924
EPABX : 2561909/2562847
E-mail: paribesh1@ospcboard.org
Web site: www.ospcboard.org

**OFFICE OF THE
STATE POLLUTION CONTROL BOARD, ODISHA**

PariveshBhawan, A/118, Nilakantha Nagar, Unit-VIII,
Bhubaneswar - 751012

Through Online/
By Regd Post

No. 13094 /

IND-II-CTE-6533

Date 28.07.2022

CONSENT TO ESTABLISH ORDER

In consideration of the online application no. **3621180** for obtaining Consent to Establish of **M/s Trident Properties Pvt. Ltd.**, the State Pollution Control Board is pleased to convey its Consent to Establish under Section 25 of Water(Prevention & Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 for **construction of 13 Blocks of (S+4) storied residential apartment building and two storied club cum society building over total buildup area 70174.51m²** along with installation of **DG set of capacity 1x125 KVA, 1x15 KVA, 1x200 KVA, 1x40 KVA, 1x45 KVA** with project cost of Rs. 125.0 Crores. At- Paikarapur, City- Bhubaneswar, Tahasil- Bhubaneswar, Dist- Khurda, Odisha, with the following conditions:

GENERAL CONDITIONS:

1. This Consent to Establish is valid for the construction project as mentioned in the application form and for a period of five years from the date of issue of this letter. If the proponent fails to do substantial physical progress of the project within five years then a renewal of this Consent to Establish shall be sought by the proponent.
2. The Project has to apply for grant of Consent to Operate under section 25 / 26 of Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 at least 3 (three) months before the occupancy and obtain Consent to Operate from this Board.
3. This Consent to Establish is subject to statutory and other clearances from Govt. of Odisha and / or Govt. of India, as and when applicable.

SPECIAL CONDITIONS:

A. GENERAL CONDITIONS:

1. **The proponent shall carry out construction activities as per Environmental Clearance granted by SEIAA, File No. 27973/14-NCP-V/06-2018, dated 30.11.2018.**
2. The proponent shall obtain permission from CGWA / Department of Water Resources, Govt. of Odisha for drawl of ground/ surface water.
3. The proponent shall implement the pollution control measures and safeguards as proposed in the Environment Management Plan (EMP).

4. Solar or other Renewable Energy shall be installed to meet electricity generation equivalent to 5% of the demand load.
5. A green belt of adequate width and density preferably with local species along the periphery of the project area shall be raised so as to provide protection against particulates and noise. It must be ensured that at least 20% of the total land area shall be under permanent green cover. The proponent shall ensure the maintenance of green belt throughout the year and for all time to come. It is advised that they may engage professionals in this field for creation and maintenance of the green belt. An action plan for this purpose shall be prepared and shall be submitted accordingly.
6. Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision shall be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase shall be ensured.
7. All vehicles carrying construction materials to the site shall be covered to avoid spreading of dust. Vehicles hired for bringing construction material at site shall be in good condition and shall have valid Pollution Under Control (PUC) certificate and to conform to applicable air and noise emission standards and shall be operated only during non-peaking hours.
8. The project shall use fly ash bricks and other building materials made out of fly ash in construction.
9. The construction shall be carried out with the fly ash bricks. If the fly ash bricks are not available locally the construction may be carried out with other bricks with prior intimation to the concerned Regional Office of SPC Board. A statement indicating use of fly ash bricks during construction period shall be submitted to the Board quarterly for record.
10. Use of glass shall be reduced by upto 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflective coating in windows shall be used.
11. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking shall be inside the campus and no public space shall be utilized.
12. Noise shall be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
13. The proponent shall comply with the provisions of E-waste (Management) Rules, 2016 and shall handover E-waste to authorized collection centers / register dismantlers / recyclers for proper disposal of E-waste.
14. Separate collection bin shall be provided inside the building complex for collection of E-waste.
15. The construction and demolition wastes to be generated from the proposed project shall be disposed of in accordance with the provision under "Construction & Demolition Wastes Management Rules 2016".
16. All the plastic waste generated from the premises during construction and commissioning shall be collected and sent for co-processing to the nearby cement kilns.

17. Municipal Solid Waste shall be disposed off as per the Solid Waste Management Rules, 2016 and amendment thereafter.
18. The Board may impose further condition or modify the conditions as stipulated in this order during installation and / or at the time of obtaining consent to operate and may revoke this order in case the stipulated conditions are not implemented and / or information is found to have been suppressed / wrongly furnished in the application form.

B. WATER POLLUTION:

19. Water Sprinkling shall be carried out in stock piles and haulage roads in the construction area to suppress fugitive emission.
20. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
21. Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators or pressure reducing devices or sensor based control.
22. Rain water harvesting structure shall be developed inside premises and maximum efforts shall be made to reuse harvested rain water with a definite plan and programme to reduce drawl of fresh water from the local water bodies/ground water source as well as to recharge the ground water. Rain water harvesting structure shall be included from the construction stage itself. A scheme in this regard shall be submitted to the Board.
23. The domestic wastewater generated shall be treated in Sewage Treatment Plant of capacity 500 KLD (Total Capacity) to meet the following standards as notified by the MoEF&CC, Govt. of India vide G.S.R. 1265 (E), dated 13.10.2017. The treated water shall be reused for flushing, gardening and plantation to the maximum possible extent.

Sl. No.	Parameters	Standards
1.	pH	6.5-9.0
2.	BOD(mg/l)	20
3.	TSS(mg/l)	<50
4.	Fecal Coliform (MPN/100ml)	< 1000

The surplus treated water from STP (Sewage Treated Plant) shall be discharged to the Municipal drain after meeting the above prescribed standard as proposed.

24. The safe disposal of wastewater and solid wastes generated from washing of painting equipments during the construction phase shall be ensured.

C. AIR POLLUTION:

25. The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environment (Protection) Rules prescribed for air and noise emission standards.
26. All vehicles carrying building materials to the site shall be covered to avoid spreading of dust.
27. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase shall be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG

sets shall be equal to the height needed for the combined capacity of all proposed DG sets. Only low sulphur diesel shall be used. The location of the DG sets may be decided in consultation with State Pollution Control Board.

28. The height of the stack attached to the D.G set shall conform to the following:

$$H = h + 0.2\sqrt{KVA}$$

(Where, h = Height of the building where it is installed in meter
KVA = Capacity of D.G Set and H = Height of the stack in meter above ground level).

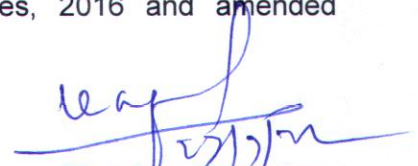
29. The proponent shall take adequate measures to prevent noise during loading and unloading of the construction materials in night.
30. The proponent shall also take adequate measures during construction phase to prevent noise and dust pollution to surrounding area.

D. SOLID WASTE:

31. Intermediate storage area of adequate capacity for temporary storage of Municipal Solid Waste (MSW) shall be developed inside the premises before handing over the MSW to the approved agency for final disposal.
32. The proponent shall explore to establish Mechanized Waste Converter having polycrack method and other similar method for processing of Municipal Solid Waste generated from the complex under covered shed to produce valuable products like oil, water, gas, carbon, metal, glass etc.
33. The solid waste generated from the complex shall be segregated as biodegradable and non-biodegradable. This shall be collected in separate coloured bins. Proper waste management practices shall be adopted during the collection, storing and disposal of the generated solid waste.
34. Bio-degradable solid waste shall be sent to the organic waste converter for preparation of manure. Non-biodegradable wastes like polythene bags, metal, ceramic waste, glass etc. shall be stored in separate garbage bin and shall be sent to approved agency for final disposal.
35. All required sanitary and hygienic measures shall be in place before starting construction activities and to be maintained throughout the construction phase.
36. All the top soil excavated during construction activities shall be stored for use in horticulture / landscape development within the project site.
37. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
38. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they shall not leach into the ground water.



39. The Project proponent shall dispose of hazardous waste materials such as tarry products, lead containing products, paints & pigments residues, broken fluorescent and mercury lamps during construction and operational phase as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and amended thereafter.


Member Secretary

To

The General Manager,
M/s Trident Properties Pvt. Ltd.,
At- HIG-25, 3rd floor, Jayadev vihar,
Opposite Hotel Pal Heights,
Bhubaneswar- 751013, Odisha.

Memo No. 13095 /

Date 28.07.2022 /

Copy forwarded to:

1. The Collector & District Magistrate, **Khurda**.
2. The Divisional Forest Officer, **Khurda**.
3. Consent to Operate Cell, SPC Board, Bhubaneswar.
4. Regional Officer, SPC Board, Bhubaneswar.
5. Copy to Guard file.


Addl. Chief Env. Engineer

o/c



BHUBANESWAR DEVELOPMENT AUTHORITY

AKASH SHOVA BUILDING, SACHIVALAYA MARG, BHUBANESWAR.

FORM-II

[See Regulation-9 (4)]

No. 3446 /BDA, Bhubaneswar,

Dated. 06.02.2020

File No. MBP2B-660/14

Permission Under Sub-Section (3) of the Section-16 of the Orissa Development Authorities Act'1982(Orissa Act,1982) is hereby granted in favour of M/s Trident Properties Pvt. Limited, represented by M.D. Mr. Veer Prakash ,Sri Ananda Bhutia, Smt. Annapurna Das, Sri Arun Kumar Swain, Sri Ashok Bhutia, Sri Birjesh Samantaray, Smt. Charubala Pattnaik, Sri Dylan Thomas Roy, Sri Goutam Ku.Bhutia, Smt.Kallyani Bhadra, Smt.Kalyani Das, Sri Kamal Ku. Choudhury, Sri Kaustuva Samantaray, Dr. Sarat Ch. Behera & others,(legal heirs of late Renubala Behera). Smt. Lipsa Samantaray, Smt. Lopamudra Mishra, Sri Mahapatra Debendranath Sahoo, Smt. Mamata Kumari Mahapatra, Sri Manas Ranjan Jena, Smt. Nirmala Nayak, Smt. Nirmala Swain, Smt. Nirupama Mahapatra, Sri Panchadatta Senapati & Sri Sachidananda Senapati, Sri Purnendu Mohanty, Sri RajaniKanta Panda & Sri Rasananda Panda, Smt. Sanghamitra Mishra, Sri Sanjib Ku. Mahapatra, Sri Sardar Sahoo, Sri Suvendu Mohanty, Sri Sudatta Devarshi, Smt. Swapna Swain, Smt. Ullash Swain, Smt Ullash Swain & others (legal heirs of late Sarat Ch. Swain), Sri Ranjan Ku. Mishra, Sri Sridhar Prasad Das & Sri Swadesh Ranjan Mohapatra, Smt. Nivedita Ghosh & Smt. Gayatri Mishra, Sri Pradeep Ku. Sahu & others (legal Heirs of late Lingaraj Sahoo), Sri Subrat Ku. Mishra & Smt. Manjarika Mishra, Smt. Minati Rath, Sri Krupasindhu Das, Smt, Namita Nayak, Smt. Arpita Das, **represented through owner and GPA Holder M/s Trident Properties Pvt. Limited**

for construction of proposed **13 Blocks of S+4 storey including one block of EWS Residential Apartment building and one G+1 storey Club House** over plot No. 1809/2483/3693, 1814/2476, 1809/2453, 1809/2483/3713, 1814/2472, 1809/2482, 1815/2620, 1809/2483, 1814/2475, 1809/2481, 1815/2805, 1809/2479, 1814/2471, 1809/2480, 1814/2473, 1815/2806, 1818/3413, 1814/2477/3418 1813/3414, 1819/1948/3260, 1819/2462, 1818/2461, 1817/2525, 1818/2532, 1809, 1809/2454, 1814/2478, 1817/3860, 1820/2467, 1820/2468, 1819/2463, 1815/2807, 1813, 1814/2477, 1815/2984, 1820/2466, 1819/2464, 1817/2465, 1820/2469, 1809/2452, 1815/2809, 1814/2474, 1809/2460, 1815/2808, 1820/2470, 1808/2355/3852, 1808/2355/3851, 1808/2355/3853, 1811/3669, 1812, 1784(P), 1786, 1787/3670, 1787/2439,1787/4119,1787,1787/4115,1787/4117, 1787/4118, 1810,& Khata No – 456/1637, 456/205, 456/185, 456/1669, 456/201, 456/210, 456/374, 456/211, 456/204, 456/560, 456/208, 456/200, 456/209, 456/202, 456/561, 456/1281, 456/1288, 456/1282, 456/1647, 456/1648, 456/284, 456/267, 456/186, 456/207, 456/1834, 456/196, 456/197, 456/193, 456/562, 456/1283, 456/206, 456/1643, 456/195, 456/194, 456/198, 456/184, 456/564, 456/556, 456/190, 456/563, 456/566, 456/1825, 456/1824, 456/1826, 456/1606, 456/858, 456/1823, 475/01, 456/1608, 456/1603,456/2146,456/2143,456/2142,456/2144, 456/2145, 456/1772 in **Mz-Paikarapur** in the Development Plan area of **Bhubaneswar** with the following parameters and conditions;

1. Parameters;

Plots area-40537.36 Sqm

<u>Covered area approved</u>		<u>Proposed use</u>
Blocks		
(i) Block – A (S+4)		---
Stilt	644.34 Sqm	Parking
1 st floor to 4 th floor (Typical)	571.33 x 4=2285.32 Sqm	Residential
(ii) Block – C & D (S+4) (Typical)		---
Stilt	392.75 x 2= 785.51 Sqm	Parking
1 st floor to 4 th floor (Typical)	776.23 x 4 x 2= 6209.84 Sqm	Residential
(iii) Block No. E, F,G+L (S+4) (Typical)		
Stilt	1653.98 x4= 6615.92Sqm	Parking
1 st floor to 4 th floor (Typical)	1448.97 x 4x4 = 23183.52 Sqm	Residential
(iv) Block-H,K,& M (S+4) (Typical)		
Stilt	1565.39 x3 =4696.17 Sqm	Parking
1 st floor to 4 th floor (Typical)	1451.84 x3x4=17422.08 Sqm	Residential
(v) Block-I (S+4)		
Stilt	1362.30 Sqm	Parking
1 st floor to 4 th floor (Typical)	1238.11x4= 4952.44 Sqm	Residential
(vi) Block-N (S+4)		
Stilt	762.89 Sqm	Parking
1 st floor to 4 th floor (Typical)	690.77 x 4= 2763.08 Sqm	Residential
(vii) Block-B (S+4 EWS block)		
Stilt	1510.60 Sqm	Parking
1 st floor to 4 th floor (Typical)	1510.60 x4= 6042.40 Sqm	Residential
(Viii) G+1 Club House		
Ground floor	1015.88 Sqm	
1 st Floor	543.37 Sqm	
Total Built up area	80795.66 Sqm	-
FAR area	65783.81 Sqm including EWS	
No of D/w units	General - 532 Units EWS- 232 Units	

Set-back

	Required(in Mtr)	Provided (Minimum)
Front	2.00 mtr	6.00 Mtr
Rear	3.00 mtr	6.00 Mtr
Left	2.50 mtr	6.00 Mtr
Right	2.50 mtr	6.00 Mtr
Height	Less than 15 mtr	14.90 Mtr
FAR	2.00	1.622
Parking -30% & 10%	17632.86 +700.76 = 18333.62 Sqm	18030.90 +706.56=18737.46 (Stilt)

- The building shall be used exclusively for **Residential Apartment** purpose and the use shall not be changed to any other use without prior approval of this Authority.
- The development shall be undertaken strictly according to plans enclosed with necessary permission endorsement.
- Parking space measuring **18737.46 Sq.m (Covered)** as shown in the approved plan shall be left for parking of vehicles and no part of it will be used for any other purpose.
- The land over which construction is proposed is accessible by an approved means of access of **12.19 M, (Twelve point one nine meter)** in width.

6. The land in question must be in lawful ownership and peaceful possession of the applicant.
 7. The permission granted under these regulations shall remain **valid up to three years** from the date of issue .However the permission shall have to be revalidated before the expiry of the above period on payment of such fee as may be prescribed under rules and such revalidation shall be valid for one year.
 8. (i) Approval of plans and acceptance of any statement or document pertaining to such plan shall not exempt the owner or person or persons under whose supervision the building is constructed from their responsibilities imposed under BDA (Planning & Building Standards) Regulations, or under any other law for the time being in force.
(ii) Approval of plan would mean granting of permission to construct under these regulations in force only and shall not mean among other things;
 - (a) The title over the land or building;
 - (b) Easement rights;
 - (c) variation in area from recorded area of a plot or a building;
 - (d) Structural stability
 - (e) Workmanship and soundness of materials used in the construction of the buildings
 - (f) Quality of building services and amenities in the construction of the building,
 - (g) the site/area liable to flooding as a result of not taking proper drainage arrangement as per the natural lay of the land, etc and
 - (h) Other requirements or licenses or clearances required to be obtained for the site /premises or activity under various other laws.
 9. In case of any dispute arising out of land record or in respect of right, title, interest after this permission is granted, the permission so granted shall be treated as automatically cancelled during the period of dispute.
 10. Neither granting of the permit nor the approval of the drawing and specifications, nor inspections made by the Authority during erection of the building shall in any way relieve the owner of such building from full responsibility for carrying out the work in accordance with the requirements of NBC 2016 and these regulations.
- 11. The owner /applicant shall;**
- (a) Permit the Authority to enter the building or premises, for which the permission has been granted at any reasonable time for the purpose of enforcing the regulations;
 - (b) Obtain, wherever applicable, from the competent Authority permissions/clearance required in connection with the proposed work;
 - (c) Obtain an Occupancy Certificate from the Authority prior to occupation of building in full or part.
12. Wherever tests of any material are made to ensure conformity of the requirements of the regulations in force, records of the test data shall be kept available for inspection during the construction of building and for such period thereafter as required by the Authority.
 13. If the Authority finds at any stage that the construction is not being carried on according to the sanctioned plan or is in violations of any of the provisions of these regulations, it shall notify the owner and no further construction shall be allowed until necessary corrections in the plan are made and the corrected plan is approved.
 14. This permission is accorded on deposit of following fee;

Item	Amount (in Rs)	Amount in words
Scrutiny fee	8,33,565/-/-	Rupees Eight lakhs Thirty three thousand five hundred sixty five only.
Sanction fee	41,66,575/-	Rupees Forty one lakhs Sixty six thousand Five hundred seventy five only
CWWC	--	Not applicable since the file was submitted in the year 2014.

15. Other conditions to be complied by the applicant are as per the following;

- I. The owner/applicant/Technical Person shall strictly adhere to the terms and conditions imposed in the NOC/Clearances given by Fire Prevention officer/National Airport Authority/SEIAA, Ministry of Forest & Environment/PHED etc wherever applicable.
- II. Storm water from the premises of roof top shall be conveyed and discharged to the rain water recharging pits as per BDA (Planning & Building Standards) Regulation, 2018.
- III. The space which is meant for parking shall not be changed to any other use and shall not be partitioned/closed in any manner.
- IV. 20% of the parking space in group housing/apartment building shall be exclusively earmarked for ambulance, fire tender, physically handicapped persons and outside visitors with signage as per norms under Regulation-35(11)(12) of BDA(Planning & Building Standards) Regulations'2008.
- V. Plantation of one tree @ 80 Sq.m of the plot area shall be made by the applicant as per provision of BDA (Planning & Building Standards) Regulations'2018.
- VI. If the construction / development are not as per the approved plan / deviated beyond permissible norms action shall be initiated against the applicant/builder / developer as per the provisions of the ODA Act, 1982 Rules and Regulations made there under
- VII. The Owner/ Applicant/Architect/Structural Engineer are fully and jointly responsible for any structural failure of building due to any structural/construction defects , Authority will be no way be held responsible for the same in what so ever manner.
- VIII. The concerned Architect / Applicant / Developer are fully responsible for any deviations additions & alternations beyond approved plan/ defective construction etc. shall be liable for action as per the provisions of the Regulation.
- IX. **All the stipulated conditions of the NOC/Clearances given by PHED vide No.14460 dt. 20.06.2014, EIDP vetted by CE-cum-EM, BDA showing its integration with T.P. Scheme up to the disposal point of the natural drainage channel vide No.681/EM dt. 25.9.2019 and Environment Clearance from SEIAA vide No 6361/SEIAA dt. 30.11.2018 shall be adhered to strictly.**
- X. All the fire fighting installation etc are to be ensured and maintained by the applicant as per NBC 2016.
- XI. No storm water/water shall be discharged to the public road/public premises and other adjoining plots.
- XII. Adhere to the provisions of BDA (Planning & Building Standards) Regulation strictly and conditions thereto.
- XIII. The Authority shall in no way be held responsible for any structural failure and damage due to earthquake/cyclone/any other natural disaster.
- XIV. The number of dwelling units & purpose so approved shall not be changed in any manner.
 - (xi) At least 40% of the waste water generated in the project shall be recycled.
- XV. **The applicant shall register this project before ORERA as per affidavit submitted.**
- XVI. **All the passages and paths in the proposed scheme shall be developed with permeable pavers blocks for absorption of rain water.**
- XVII. **Rain water harvesting structure and recharging pits of sufficient capacity shall be developed to minimize the storm water runoff to the drain to be developed in TP Scheme No.1.**
- XVIII. **The applicant shall make its own arrangement of solid waste management of the project by establishing micro compost plant within premises.**

XIX. All other required NOC/clearances from Utility Agencies shall be submitted before consideration of Occupancy Certificate.

Approved
PLANNING MEMBER/AUTHORISED OFFICER

Bhubaneswar Development Authority.

Memo No. 3447/BDA, Bhubaneswar, Dated 06.02.2020

Copy forwarded along with **two copies** of the approved plan to **M/s Trident Properties Pvt. Limited, Authorized Signatory-** Mr. M.V. Shashi Kumar, Plot No.149, Symphony Mall, 3rd floor, Rudrapur, Bhubaneswar for information and necessary action.

Approved
PLANNING MEMBER/AUTHORISED OFFICER

Bhubaneswar Development Authority.

Memo No. _____/BDA, Bhubaneswar, Dated _____

Copy with a copy of the approved plan forwarded to the Commissioner, Bhubaneswar Municipal Corporation/Executive Officer, Khurda Municipality/Executive Officer, Jatni Municipality /Executive Officer Pipili NAC for information.

PLANNING MEMBER/AUTHORISED OFFICER

Bhubaneswar Development Authority.

Memo No. _____/BDA, Bhubaneswar, Dated _____

Copy forwarded to the Land Officer, G.A. Department, Bhubaneswar (in case of lease plot)/Director of Town Planning ,Orissa, Bhubaneswar/Enforcement Section, BDA, Bhubaneswar.

PLANNING MEMBER/AUTHORISED OFFICER

Bhubaneswar Development Authority



BHUBANESWAR DEVELOPMENT AUTHORITY

**AKASH SHOVA BUILDING, PANDIT JAWAHARLAL NEHRU MARG,
BHUBANESWAR-751001, ODISHA.**

No. 681/DM /BDA, Bhubaneswar,
Em-Misc-36/2011-12 (BPPA-0-200/14)

Dated 25-09-2019

To
The Planning Member,
Bhubaneswar Development Authority, Bhubaneswar.

Sub:- Vetting of disposal of storm water in respect of construction of Seventeen Blocks of Stilt+Five story Residential Multistoried/ Apartment buildings, 31Villas & two Club Houses over plot no-1700, 1702 1704 etc. of Mz-Paikarapur in favour of GPA Holder of (i) M/S SBI Employees House Building Co-operative Society Ltd., (ii) T.R. Infrastructure and Developers Pvt Ltd & (iii) M/S Trident Properties Pvt Ltd in favor of M/S Trident Properties Pvt Ltd, G.M. Operation, Sri Shashi Kumar.

Ref: -Your Letter No: 7002/BDA Dtd. 14.03.2018 & No-10933 dtd.15.04.2019.

Sir,
With reference to the subject cited above, it is to intimate that after inspection to above site, the documents and drawings submitted by the applicant Sri Shashi Kumar, G.M. Operation of M/S Trident Properties Pvt Ltd, the drainage of storm water disposal plan of the above mentioned project have been examined in the light of relevant provisions.

In this connection, the applicant has submitted an undertaking in shape of an affidavit(Copy of Affidavit enclosed) before issue of occupancy certificate by BDA.

The necessary drawings & documents are now enclosed herewith for information and further follow up action during issue of Occupancy Certificate in the light of prevailing rules as well as following relevant provisions as per the RERA Act-2016 under External Infrastructure Development Plan.

- i) To further extend Provisions, Infrastructures such as Construction & regular maintenance of Drainage have been made in this EIDP and are to be constructed by M/s Kriday Reality Pvt Ltd at its own cost including land cost as required as per approved drawing after due approval by relevant authorities with regard to serviceability, sustainability & safety and to be scheduled in line.
- ii) Same must be covered under definition of external infrastructure development works as defined in Section 2(w) of RERA Act-2016.
- iii) These infrastructure works shall be maintained as per norms prescribed by competent authority/ relevant Standard bodies as applicable to their satisfactory functioning all through by the firm.
- iv) Any deviation of above will result in an In-completed Project and attract punitive provision of RERA Act.
- v) External infrastructures are to be developed as per specifications prescribed in EIDP as mentioned in Para (i) above.
- vi) Any decision in this regard by the authority shall be final and binding.
- vii) This EIDP proposal has been vetted considering the site visit to dispose their storm water through T.P.Scheme-1 CDP road & drain.

- Encl:- 1. EIDP lay out plan showing the drain line.-1 No.
2. Section of the drain-1 No.
3. Copy of Affidavit – 2 sheets.

Yours faithfully,

Chief Engineer-cum-Engineer Member,
B. D. A., Bhubaneswar.

Memo No- 682/DM ✓

Date - 25-09-2019

Copy to Sri Shashi Kumar, G.M. Operation of M/S Trident Properties Pvt Ltd., Plot No-149(P), Symphony Mall, 3rd Floor, Rudrapur, Bhubaneswar/ M/s Kriday Reality Pvt Ltd., Sankerpur, Bhubaneswar for information & necessary action.

Chief Engineer-cum-Engineer Member,
B. D. A., Bhubaneswar.

Memo No- 683/DM (WE)

Date - 25-09-2019

Copy to ATP, TP Scheme-1, BDA for information & necessary action. One copy of approved lay-out drawing with cross section of drain are enclosed here with for implementation and necessary consideration during finalization of TP Scheme-1.

Encl:-As above.

Chief Engineer-cum-Engineer Member,
B. D. A., Bhubaneswar.

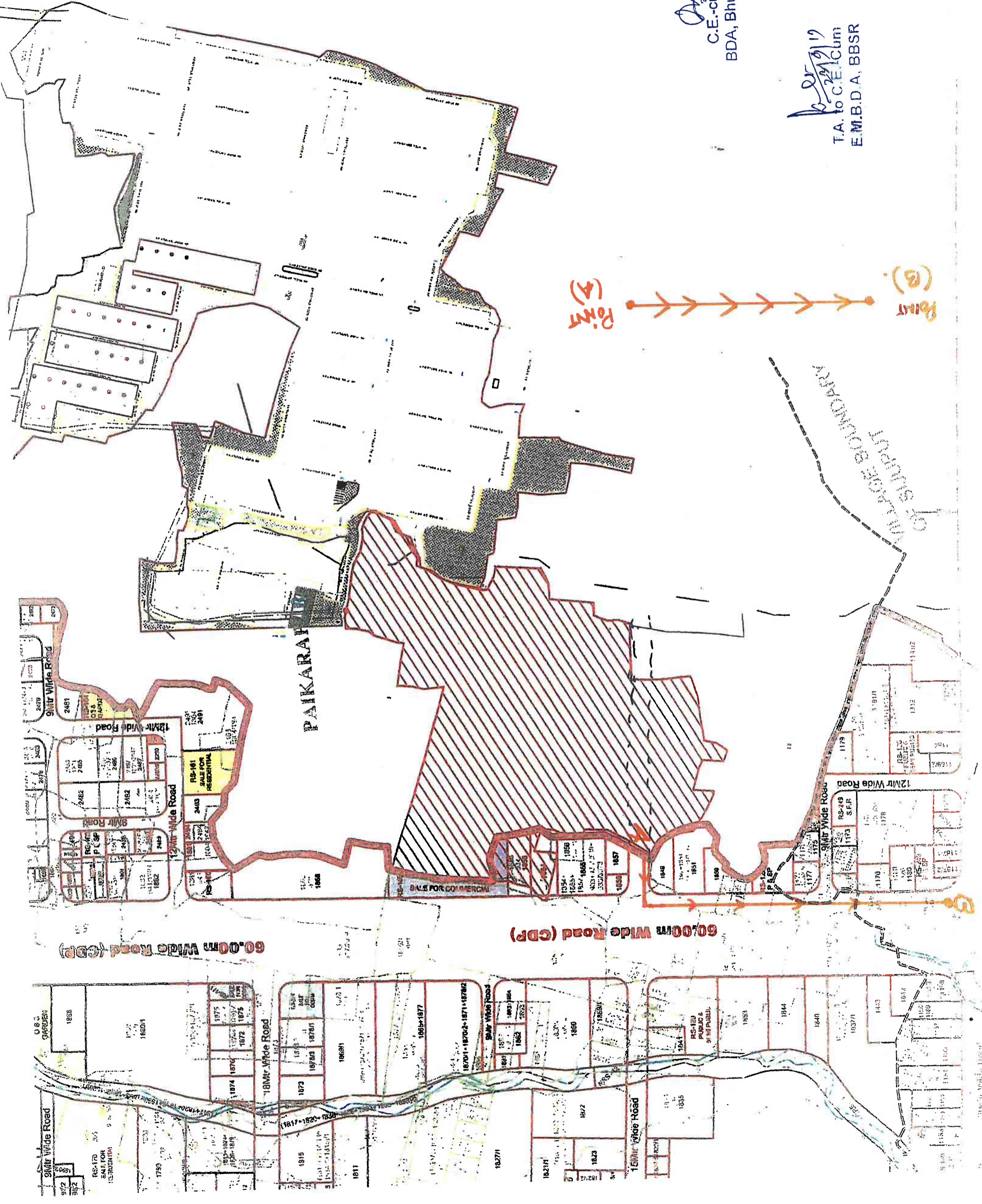
8/18

Shashi Kumar
GM O/S

Pradeep
25/12/19
C.E.-cum-EM
BDA, Bhubaneswar

T.A. to C.E. Cum
E.M.B.D.A, BBSR

Executive Engineer
Division No-1, B.D.A.



60.00m Wide Road (C.P.)

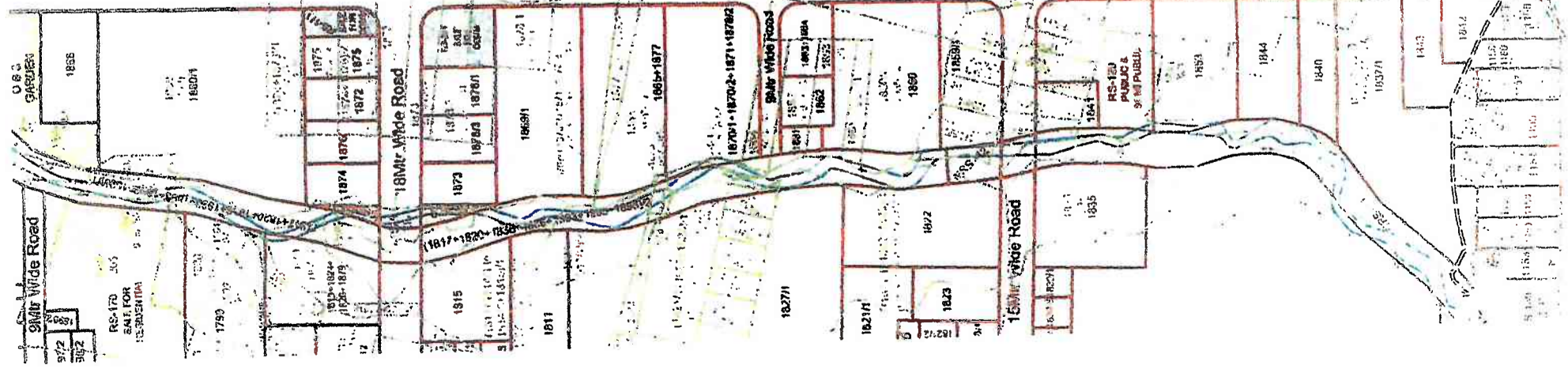
60.00m Wide Road (C.P.)

PAIKARAI

VILLAGE BOUNDARY

Point (A)

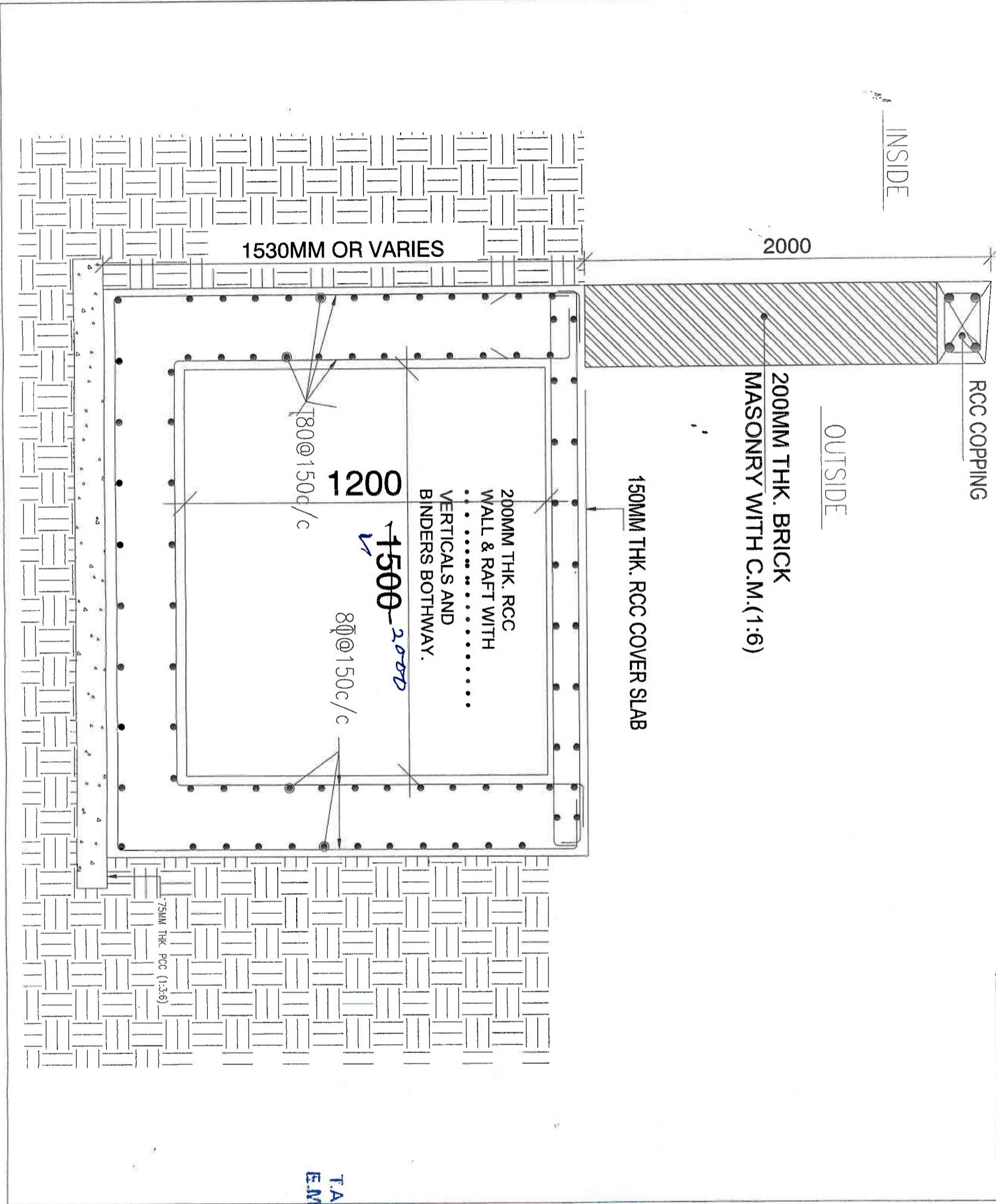
Point (B)



1911

PROPOSED CROSS SECTION OF EXTERNAL DRAIN OF
TRIDENT PROPERTIES PVT LTD BY THE SIDE OF CDP ROAD

NOT TO SCALE
ALL DIMENSIONS IN MM



[Signature]
25/9/19
C.E.-cum-EM
BDA, Bhubaneswar

[Signature]
25/9/19
T.A. to C.E.-Cum
E.M.B.D.A, BBSR
Executive Engineer
Division No-1, B.D.

[Signature]
G.M. OPERATIONS
TRIDENT PROPERTIES PVT.



Superintending Hydrogeologist

भारत सरकार
केन्द्रीय भूमि जल प्राधिकरण
जल संसाधन मंत्रालय

Government of India
Central Ground Water Authority
Ministry of Water Resources

CGWA/IND/Proj/2014- 1577

No.21-4(562)/SER/CGWA/2014- 1561

Dated:- 25 SEP 2014,

To,

M/s Trident Properties Pvt Ltd.,
HIG-25, 3rd Floor,
Jaydev Vihar, Bhubaneswar
Odisha

Sub:- NOC for ground water withdrawal in respect of M/s Trident Properties Pvt Ltd., in respect of their proposed residential apartment complex "Trident Polaris" located at Paikarapur, Block Bhubaneswar, District Khurda, Odisha – reg.

Refer to your application dated Nil on the above cited subject. Based on recommendations of Regional Director, Central Ground Water Board, South Eastern Region, Bhubaneswar vide their office letter no. 5-22/SER/CGWA/2014- 728 dated 6.8.2014 and further deliberations on the subject, the NOC of Central Ground Water Authority is hereby accorded to **M/s Trident Properties Pvt Ltd., in respect of their proposed residential apartment complex "Trident Polaris" located at Paikarapur, Block Bhubaneswar, District Khurda, Odisha.** The NOC is, however subject to the following conditions:-

1. The firm may withdraw **456 m³/day** (not exceeding 1,66,440 m³/year) of ground water, through proposed five (5) borewells only. No additional ground water abstraction structure to be constructed for this purpose without prior approval of the CGWA.
2. The wells to be fitted with water meter by the firm at its own cost and monitoring of ground water abstraction to be undertaken accordingly on regular basis, at least once in a month. The ground water quality to be monitored twice in a year during pre monsoon and post monsoon periods.
3. **M/s Trident Properties Pvt Ltd.,** shall, in consultation with the Regional Director, Central Ground Water Board, South Eastern Region, Bhubaneswar implement ground water recharge measures to the tune of **31,625 m³/year** as proposed for augmenting the ground water resources of the area.
4. The photographs of the recharge structures after completion of the same are to be furnished immediately to the Regional Director, Central Ground Water Board, South Eastern Region, Bhubaneswar for verification and under intimation to this office.
5. The firm at its own cost shall install piezometers at suitable locations and execute ground water regime monitoring programme in and around the project area on regular basis in consultation with the Central Ground Water Board, South Eastern Region, Bhubaneswar.

West Block - 2, Wing - 3, Sector - 1, R.K. Puram, New Delhi - 110066

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Website : www.cgwb.gov.in, www.mowr.gov.in

स्वच्छ सुरक्षित जल - सुन्दर खुशहाल कल

CONSERVE WATER - SAVE LIFE

6. The ground water monitoring data in respect of S. No. 2 & 5 to be submitted to Central Ground Water Board, South Eastern Region, Bhubaneswar, on regular basis at least once in a year.
7. The firm shall ensure proper recycling and reuse of waste water after adequate treatment.
8. Action taken report in respect of S. No. 1 to 7 may be submitted to CGWA within one year period.
9. The permission is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 8.
10. This NOC is subject to prevailing Central/State Government rules/laws or Court orders related to construction of tubewell/ground water withdrawal/construction of recharge or conservation or conservation structures/discharge of effluents or any such matter as applicable.
11. This NOC does not absolve the applicant / proponent of his obligation / requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
12. The NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and be taking decisions independently of the NOC.
13. This NOC is valid for two years from the date of issue of this letter.

M. Bhaushik

Superintending Hydrogeologist

Copy to:

1. The Member Secretary, Orissa State Pollution Control Board, Odisha, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar-751012, Odisha.
2. The Regional Director, Central Ground Water Board, South Eastern Region, Bhubaneswar. This has reference to your letter no. 5-22/SER/CGWA/2014- 728 dated 6.8.2014.
3. TS to the Chairman, Central Ground Water Board, Bhujal Bhawan, Faridabad.
4. The District Collector, Khurda District, Odisha.
5. Guard File 2014-15.

Superintending Hydrogeologist



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Report No. - CEMC/TPPL/140522/W1

Issued Date-14.05.2022

Name & Address of the Client : M/s. Trident Properties Pvt. Ltd.,
Bhubaneswar
Date of Sampling : 06.05.2022
Sampling by : Mr. Bhaktahari Dash
Date of Sample Received : 06.05.2022
Date of Analysis : 07.05.2022 to 14.05.2022
Sample Description : Bore Well
Sample Location : Project Site
Reference No. : CEMC-14052022W1

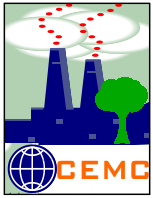
ANALYSIS RESULT

Sl. No	Parameter	Unit of measurement	Standard as per IS: 10500,2012		Result
			Acceptable Limit	Permissible Limit	
1	Colour	Hazen	5	15	<5
2	Odour	--	AL	AL	AL
3	Taste	--	AL	AL	AL
4	Turbidity	NTU	1	5	<1
5	pH Value @ 25°C	--	6.5-8.5	No Relaxation	7.13
6	Total Hardness (as CaCO ₃)	mg/l	200	600	172
7	Iron (as Fe)	mg/l	0.3	No Relaxation	0.15
8	Chloride (as Cl)	mg/l	250	1000	46.1
9	Residual, free Chlorine	mg/l	0.2	1.0	ND
10	Total Dissolved Solids	mg/l	500	2000	374
11	Calcium (as Ca)	mg/l	75	200	49.21
12	Magnesium (as Mg)	mg/l	30	100	12.1
13	Copper (as Cu)	mg/l	0.05	1.5	<0.03
14	Manganese (as Mn)	mg/l	0.1	0.3	<0.05
15	Sulphate (as SO ₄)	mg/l	200	400	21.4
16	Nitrate (as NO ₃)	mg/l	45	No Relaxation	5.1
17	Fluoride (as F)	mg/l	1.0	1.5	0.13
18	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001
19	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001
20	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.003

Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS & GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

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E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
E-mail: cemclab@yahoo.in

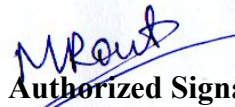


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21	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.001
22	Arsenic (as As)	mg/l	0.01	0.05	<0.001
23	Cyanide (as CN)	mg/l	0.05	No Relaxation	ND
24	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01
25	Zinc (as Zn)	mg/l	5	15	<0.05
26	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	<0.05
27	Mineral Oil	mg/l	0.5	No Relaxation	<0.05
28	Total Alkalinity (as CaCO ₃)	mg/l	200	600	146
29	Aluminium (as Al)	mg/l	0.03	0.2	<0.01
30	Boron (as B)	mg/l	0.5	1.0	<0.2

NB: ND- Not Detectable, AL- Agreeable



Authorized Signatory

Notes:

- The results relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
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Seal of Laboratory



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Annexure-6

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Report No. - CEMC/TPPL/140522/A1

Issued Date-14.05.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Name & Address of the Client	M/s. Trident Properties Pvt. Ltd., Bhubaneswar
Reference No.	CEMC-14052022A1
Nature of Sampling	Ambient Air Sample
Sampling By	Mr. Bhaktahari Dash
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler and Gaseous Attachment
Location of Sampling	Project Site
Sampling Date	06.05.2022

Sl. No.	Items	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM ₁₀)	µg/m ³	67.9	100	Gravimetric method
02	Particulate Matter (PM _{2.5})	µg/m ³	35.1	60	Gravimetric Method as per CPCB
03	Oxides of Nitrogen (NO _x)	µg/m ³	16.7	80	Modified Jacob & Hochheiser (Na-Arsenite method)
04	Sulphur Dioxide (SO ₂)	µg/m ³	11.3	80	Improved West and Gaeke method

*NAAQ (National Ambient Air Quality Standard as per 18th Nov, 2009 Gatt. Notification)

End of Report

Authorized Signatory

Notes:

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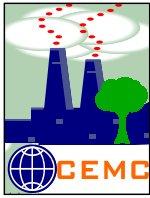


Seal of Laboratory

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Report No. - CEMC/TPPL/140522/A2

Issued Date-14.05.2022

AMBIENT AIR QUALITY MONITORING TEST REPORT

Name & Address of the Client	M/s. Trident Properties Pvt. Ltd., Bhubaneswar
Reference No.	CEMC-14052022A2
Nature of Sampling	Ambient Air Sample
Sampling By	Mr. Bhaktahari Dash
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler and Gaseous Attachment
Location of Sampling	Paikarapur Village
Sampling Date	06.05.2022

Sl. No.	Items	Unit	Result	*NAAQ Standard	Testing Method
01	Particulate Matter (PM ₁₀)	µg/m ³	61.6	100	Gravimetric method
02	Particulate Matter (PM _{2.5})	µg/m ³	30.3	60	Gravimetric Method as per CPCB
03	Oxides of Nitrogen (NO _x)	µg/m ³	14.1	80	Modified Jacob & Hochheiser (Na-Arsenite method)
04	Sulphur Dioxide (SO ₂)	µg/m ³	10.8	80	Improved West and Gaeke method

*NAAQ (National Ambient Air Quality Standard as per 18th Nov, 2009 Gatt. Notification)

End of Report

Authorized Signatory

Notes:

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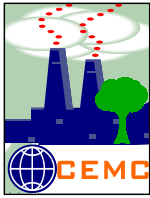


Seal of Laboratory

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Annexure-7

Report No. - CEMC/TPPL/140522/N

Issued Date-14.05.2022

NOISE LEVEL MONITORING REPORT

Issued to	M/s. Trident Properties Pvt. Ltd., Bhubaneswar
Sample Description	Ambient Noise Quality
Sample Drawn by	Mr. Bhaktahari Dash
Weather Conditions	Clear
Monitoring Period	06.05.2022
Reference No.	CEMC-14052022N
Instrument Used	Noise Meter

SL No.	Location	NL Day Time dB (A)			NL Night Time dB (A)		
		Max	Min.	Avg.	Max.	Min.	Avg.
1	Project Site	61.7	52.4	60.6	53.2	48.5	51.8
2	Paikarapur village	50.5	39.2	49.8	43.4	37.6	41.5

NATIONAL STANDARD OF NOISE LEVEL

Area Code	Category of Area/Zone	Permissible Limit in dB (A)	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

M. Prasad

Authorized Signatory

Notes:

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