APPENDEX I

FORM 1

(I) Basic Information

Sl. No.	Item	Details
1.	Name of the project/s	PRESTIGE VERDANT VISTA
2.	S. No. in the schedule	**8(a)** Building and Construction projects
3.	Proposed capacity/area/length/ tonnage to be handled/command area/lease area/ number of wells to be drilled	**Total Site Area:**7,274.88 m^2 **Area Proposed for road widening:**52.78 m^2 **Net Site area:** 7,222.21 m^2 **Total Built up Area:** 26,671.20 m^2
4.	New/Expansion/Modernization	New
5.	Existing capacity/area etc.,	---
6.	Category of Project i.e. 'A' or 'B'	B
7.	Does it attract the general condition? If yes, please specify	No
8.	Project Cost	31.08 Crores
9.	Does it attract the specific condition? If yes, please specify	No
10.	Location	Mangalore
	Plot/Survey/Khasra No.	R.S.No.62-1A (as per RTC 62-1P1), Sy. No. 275/1 (P), 275/2B & 275/4 of Kadri B Village
	Village	Kadri B Village
	Tehsil	Mangalore
	District	Dakshina Kannada District
	State	Karnataka
11.	Nearest railway station/airport along with distance in Kms	Mangalore city Bus station– 5.2 km Airport – Mangalore Airport – 11.0km
12.	Nearest Town, city, District Headquarters along with distance in Kms	Project is within the Mangalore city limits.
13.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Kadri B Village, Mangalore City.
14.	Name of the applicant	Mr. Zaid Sadiq
15.	Registered Address	Prestige Estates Projects Limited, The Falcon House, #1, Main Guard Cross road, Bangalore

		– 560 001.
16.	Address for correspondence:	
	Name	Mr. Zaid Sadiq
	Designation (Owner/Partner/CEO)	Executive Director
	Address	Prestige Estates Projects Limited, The Falcon House, #1, Main Guard Cross road, Bangalore.
	Pin Code	560 001
	E-Mail	zaid@prestigeconstructions.com
	Telephone No.	080 – 25591080
	Fax No.	--
17.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet	No alternative sites are proposed. The proposed project is site specific and construction of Residential use development.
18.	Interlinked Projects	No interlinked Project
19.	Whether separate application of interlinked projects has been submitted?	No
20.	If yes, date of submission	Not Applicable
21.	If no, reason	The proposed project is Residential & it does not involve any other activities.
22.	Whether the proposal involves approval/clearance under: If yes, details of the same and their status to be given. (a) The Forest (Conservation) Act, 1980? (b) The Wildlife (Protection) Act, 1972? (c) The C.R.Z Notification, 1991?	No, the project site is not in the vicinity of any forest, Wildlife & CRZ Zone.
23.	Whether there is any Government Order/ Policy relevant/ relating to the site?	No
24.	Forest land involved (hectares)	Nil
25.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	Not Applicable

I hereby give an undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data any information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost.

Date :

Place : Bangalore

Signature of the Applicant

Mr. Zaid Sadiq
Executive Director
Prestige Estates Projects Limited,
The Falcon House,
#1, Main Guard Cross road, Bangalore.

(II) Activity

1. Construction, operation or decommissioning of the project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	This is a construction of new Gated Community on vacant plot of land, which is earmarked as Residential zone as per the CDP of Mangalore Local Planning Authority. The CDP extract enclosed as **Annexure 1**
1.2	Clearance of existing land, vegetation and building?	Yes	• The project site is a vacant Land that contains 1 coconut, 2 May tree and 3 Palm tree. • Survey Plan indicating the same is enclosed as **Annexure 2.**
1.3	Creation of new land uses?	No	The proposed site is located in the Residential Zone as per CDP.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	Yes	The Sub-Soil in the area is reddish brown/yellowish brown (with grey patches) sandy CLAY/clayey SAND of CL to SC IS Classification. This is followed by greyish yellow to yellowish gray medium to dense silt SAND of SM IS classification.
1.5	Construction works?	Yes	Construction of Residential Apartment with a total built-up area of 26,671.20 m^2. Construction work will be taken up only after obtaining Environmental Clearance. Construction works will take place as per building plan i.e., enclosed as **Annexure 3**.
1.6	Demolition works?	No	This is a vacant land
1.7	Temporary sites used for	No	Most of the labourers proposed to be

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
	construction works or housing of construction workers?		engaged for the project will be from the nearby villages. Labour colony will be provided for those who shall be hired from outside. However, all amenities will be provided at the project site, such as toilets, drinking water facility, medical aid, insurance, Mobile STP etc., No. of labourers: 50 The sewage generated from the Labour colony will be collected and treated using Mobile Sewage Treatment Plant. The Solid waste generated will be disposed in scientific manner. We follow the EHS policy for the safety of our labourers. Also First-aid facilities will be provided at the site. There will be an exclusive vehicle to be used for any causality.
1.8	Above ground building, structures or earthworks including linear structures, cut and fill or excavations	Yes	Total Excavated Earth - 9200 m^3 a. Back Filling in foundation - 2700 m^3 b. For landscaping – 2300 m^3 c. For Roads formation - 1700 m^3 d. For Filling on terrace landscape – 500 m^3 e. Balance 2000 m^3 will be disposed off safely without any adverse impact on the environment.
1.9	Underground works including mining or tunnelling?	No	This is a Construction project; hence no mining and tunnelling works will take place.
1.10	Reclamation works?	No	Not Applicable
1.11	Dredging?	No	Not Applicable

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
1.12	Offshore structures?	No	Not Applicable
1.13	Production and manufacturing processes?	No	It is a Construction project and hence no products shall be manufactured.
1.14	Facilities for storage of goods or materials?	Yes	<u>During construction phase:</u> The construction materials will be stored within the site. <u>During operation phase:</u> HSD for the DG sets will be stored in a designated place. Waste oil from DG sets will be stored in leak proof containers on impervious floors in a designated place within the site premises.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	• Both the construction phase and operation phase, domestic sewage will be taken to a Sewage Treatment Plant for treatment, reuse, recycle and disposal. • The domestic sewage of 62.10 cum/day will be treated in STP by adopting Sequencing Batch Reactor Process. • During operation phase, the 0.15MT/Day of Organic waste will be taken to the organic converter and 0.10MT/Day of Inorganic waste will be handed over / Recyclers.
1.16	Facilities for long term housing of operational workers?	No	There will be no facilities for long-term housing of operational workers
1.17	New road, rail or sea traffic during construction of operation?	No	In construction stage few vehicles will be operated at the site for routine construction work and transport of construction materials. During operation traffic will increase

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
			to some extent for employees. But there will be no impact on rail or sea traffic.
1.18	New road, rail, air waterborne of other transport infrastructure including new or alerted routes and stations. Ports, airports etc?	No	Not Applicable as this is a Construction Project.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changer in traffic movements?	No	Not Applicable
1.20	New or diverted transmission lines or pipelines?	No	There will be no shifting of electrical transmission lines.
1.21	Impoundment, damming, converting, realignment or other changes to the hydrology of watercourses or aquifers?	No	No impoundment, damming, culverting, realignment or other changes to the hydrology of surface watercourses is proposed.
1.22	Stream crossings?	No	No Stream crossing
1.23	Abstraction or transfers of water from ground or surface waters?	No	Municipal Supply Water and STP treated water will be used in operation phase.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	Surface drainage will not be affected.
1.25	Transport of personnel or materials for construction. Operation or decommissioning?	Yes	Transport of personnel/ material during construction and operation phase are envisaged.
1.26	Long-term dismantling of decommissioning or reforestation works?	No	Not Applicable
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	Yes	Dust generated from construction activity and transportation of materials. Noise from Construction activity.
1.28	Influx of people to an area in either	No	There will be a temporary influx of

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
	temporarily or permanently?		construction labourers, and this will be only for a short period until the completion of the construction work. During operation phase about 485 persons are expected to occupy the project site.
1.29	Introduction of alien species?	No	Not Applicable.
1.30	Loss of native species or genetic diversity?	No	Not Applicable.
1.31	Any other actions?	No	Not Applicable

2. Use of Natural resources for construction or operation of the project (such as land, water, materials or energy, especially any resources which are nonrenewable or in short supply):

Sl.No	Information/checklist confirmation	Yes/No	Details thereof (which approximate quantities/rates. Wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	The Project site has been designated as Residential Area Zone as per CDP. Development with a total built-up area of 26,671.20 m^2.
2.2	Water (expected source & competing users) unit: KLD	Yes	Source of water: MWSSB and Treated water for operation, Tankers for construction. Construction Phase: About 50 KLD of construction water requirement. Domestic Usage 2.25 KLD Operation Phase: The total Water demand during operational stage will be 69KLD. Out of this 47 KLD will be met from fresh water for using domestic utilities and 22 KLD of treated water will be used for Flushing, 10 KLD for Greenbelt, 14 KLD will be used for car wash and excess 13

Sl.No	Information/checklist confirmation	Yes/No	Details thereof (which approximate quantities/rates. Wherever possible) with source of information data
			KLD will be let into the MWSSB Sewer line.
2.3	Minerals (MT)	No	Not Applicable as this is a Construction Project
2.4	Construction material – stone, aggregates and/ soil (expected source –MT)	Yes	Following Building Material will be used: • Recycled aluminium used for window frames • Energy efficient by using copper wound Transformer • Fly ash based cement and bricks • MDF wood made out of waste wood • Reinforcement steel from rerolling mills
2.5	Forests and timber (source – MT)	Yes	Local Area & Sources
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT) Energy (MW)	Yes	Construction phase: Temporary power from MESCOM Operation phase: Source: MESCOM Electricity – 883 KW Alternate Source: DG Set of 500KVA of 1 no and 250 KVA of 1 no.
2.7	Any other natural resources (use appropriate standard units)	No	Not Applicable

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risk to human health.

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or	No.	The proposed project is a residential

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
	materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)		development project, and hence, no storage of hazardous chemicals (as per MSIHC rules) will be done, except HSD required to run backup DG sets, for which the quantity stored will be below the threshold limit specified in the MSIHC rules. Necessary permission will be obtained from the Explosives Dept.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Suitable drainage and waste management measures will be adopted in both construction and operational phase, which will restrict stagnation of water or accumulation of waste. This will effectively restrict the reproduction and growth of disease vectors.
3.3	Affect the welfare of people e.g., by changing living conditions?	No	No use, storage, transport, handling or production of any harmful product is envisaged from the proposed project. Thus, no major adverse impacts on the human health/ environment are envisaged. Moreover, this project will provide employment to local labours in the construction phase and workers during the operation phase. Thus, the project will have beneficial impacts.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Not applicable.
3.5	Any other causes	No	Not applicable.

4. Production of solid wastes during construction or operation or decommissioning (MR/month)

<table>
<tr><th>S. No.</th><th>Information/Checklist confirmation</th><th>Yes/No</th><th>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</th></tr>
<tr><td>4.1</td><td>Spoil. Overburden or mine wastes</td><td>No</td><td>No such spoil, overburden or mine wastes will be generated.</td></tr>
<tr><td>4.2</td><td>Municipal waste (domestic and or commercial wastes)</td><td>Yes</td><td>Solid wastes to be generated in project will be of domestic in nature. Composition & quantity of solid wastes are:<table><tr><td>Organic</td><td>0.15 MTPD (Waste vegetables and foods etc.)</td></tr><tr><td>Inorganic :</td><td>0.10 MTPD (Papers, cartons, thermocol, plastics, glass etc.)</td></tr><tr><td>Total</td><td>0.25 MTPD</td></tr></table></td></tr>
<tr><td>4.3</td><td>Hazardous wastes (as per Hazardous management Rules)</td><td>Yes</td><td>The only hazardous wastes in the project will be used/ spent oil from backup DG sets, which is classified as Hazardous Waste Category 5.1 as per Hazardous Wastes (Management, Handling & Trans boundary) Rules 2008.

Spent Oil from backup DG sets will be carefully stored in HDPE drums in isolated covered facility. This spent oil will be sold to authorized recyclers. Suitable care will be taken so that spills/ leaks of spent oil from storage could be avoided.</td></tr>
<tr><td>4.4</td><td>Other industrial process wastes</td><td>No</td><td>Not applicable</td></tr>
<tr><td>4.5</td><td>Surplus product</td><td>No</td><td>Not applicable</td></tr>
<tr><td>4.6</td><td>Sewage sludge or other sludge from effluent treatment</td><td>Yes</td><td>The sludge generated from STP will be dewatered/ dried and used as manure. STP Sludge : 3.25 Kg/ day used back as manure on garden</td></tr>
<tr><td>4.7</td><td>Construction or demolition</td><td>Yes</td><td>The construction waste will consist of</td></tr>
</table>

	wastes		excess earth and construction debris along with cement bags, steel in bits and pieces, insulating and packaging materials etc. Recyclable waste construction materials will be sold to recyclers. Unusable and excess construction debris will be disposed at designated places in tune with the local norms.
4.8	Redundant machinery or equipment	No	Not applicable
4.9	Contaminated soils or other materials	No	Not applicable
4.10	Agricultural wastes	No	Not applicable
4.11	Other solid wastes	No	Not applicable

5. Release of pollutants of any hazardous, toxic or noxious substances to air (Kg/hr)

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	There will be emission from the combustion of HSD by the DG Set during power failure and it will extract into above terrace level.
5.2	Emissions from production process`	No	Not applicable as no production will take place.
5.3	Emissions from materials handling including storage or transport	Yes	This will be restricted to the construction phase and to the construction site only.
5.4	Emissions from construction activities including plant and equipment	Yes	There will be emissions from concrete mixers, dozers, diesel pumps etc. during construction and power failure. However, the equipments will be maintained properly and the impact will be temporary in nature.
5.5	Dust or odors from handing of materials including construction materials, sewage and waste	Yes	Dust, which will be generated during construction, will be water sprinkled. Tarpaulin cover will be provided on stored raw material to reduce the dust emission.
5.6	Emissions from incineration	No	No Incineration is proposed at site and

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
	of waste		hence there will be no emissions.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	No burning of waste
5.8	Emissions from any other sources	No	Not Applicable as this is a Construction Project

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

S. No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	Source of noise in the operational phase will be from backup DG sets (which will be in operation only during power failure) and pumps & motors. All the machinery will be of highest standard of reputed make and will comply with national/ international standards that take care of air and noise pollution control/ vibration control. Therefore, no significant impact due to operation of machinery is anticipated.
6.2	From industrial or similar processes	No	Not Applicable
6.3	From construction or demolition	Yes	Due to various construction activities, there will be short-term noise impacts in the immediate vicinity of the project site. The construction activities will include the following noise generating activities: ➢ Concreting, mixing & operation of DG sets ➢ Construction plant and heavy vehicle movement.
6.4	From blasting or piling	No	No blasting or mechanized piling will be

			used in the construction phase.
6.5	From construction or operational traffic	Yes	Some noise will be generated from vehicular movement in the construction and operational phase.
6.6	From lighting or cooling systems	No	From the DG sets suitable noise abatement methods, like acoustically treated enclosures will be adopted.
6.7	From any other sources	Yes	DG Set of 500 KVA and 250 KVA of 1 no. each, The Noise generated from the DG sets will be within the prescribed limits as the DG set will be acoustically treated

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S. No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities quantities/rates, wherever possible) with source of information data
7.1	From handing, storage, use or spillage of Hazardous materials	Yes	The only hazardous wastes in the project will be used/ spent oil from backup DG sets. The spent oil will be carefully stored in HDPE drums under isolated storage, and periodically sold to authorized recyclers. All precautions will be taken to avoid spillage from storage.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	There will be no discharge of untreated sewage on water or land, as wastewater after treatment will be reused for toilet flushing, and Greenbelt. Hence no adverse effect is anticipated.
7.3	By deposition of pollutants emitted to air into the land or into water	No	There will be no deposition of pollutants in to air and water.
7.4	From any other sources	No	Not Applicable.
7.5	Is there a risk of long term buildup of pollutants in the environment from these sources?	No	Not Applicable.

8. Risk of accidents during construction or operation of the project, which could affect human health or the environment

S. No	Information/Checklist confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	Yes	This is a construction project and does not involve major hazardous construction activity. No industrial or process activity is involved in this project. Hence, chances of explosions, spillages, fires are minimal. During construction, all construction workers will be provided with personal protective equipment (PPE) by the contractors as required under the health & safety norms. Training and awareness about the safety norms will be provided to all involved in construction activities. Suitable fire-fighting measures will be provided.
8.2	From any other causes	No	Not Applicable.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g., floods, earthquakes, landslides, cloudburst etc.)?	No	There are no chances of any kind of natural disasters in the study area.

9. Factors which should be considered (such as consequential development) which could lead to environment effects or the potential for cumulative impacts with other existing or planned activities in the locality

S. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
9.1	Lead to development of supporting, facilities, ancillary development stimulated by the project which could have impact on the environment e.g.:		The proposed project will lead to development of the area by providing employment of the local people during construction and operation phase.

	Supporting infrastructure (roads, power supply, waste or waste water treatment etc.)	Yes	The project is a Residential use development with a comfortable community living environment. The project will be equipped with dedicated internal road, adequate parking, internal water distribution system, fire-fighting system, internal sewage collection network, Rain water harvesting & Recharging facilities, Power Back-up etc., The project will have positive impact on the ancillary infrastructure like roads, markets, public health, amenities, and communication facilities in the area.
	• Housing development	No	Not applicable
	• Extractive industries	No	Not applicable
	• Supply industries	No	Not applicable
	• Other	No	Not applicable
9.2	Lead to after-use of the site, which could have an impact on the environment	No	Not applicable
9.3	Set a precedent for later developments	No	Not applicable
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	Not applicable

(III) Environment Sensitivity

S. No	**Ares**	**Name/Identity**	**Aerial distance (within 15 Km.) Proposed project location boundary**
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	No	Not Applicable
2	Areas which are important or sensitive for ecological reasons –	Nethravati River	5.2 kms

	Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests		
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	Not Applicable
4	Inland, coastal, marine or underground waters	No	Not Applicable
5	State, National boundaries	No	Not Applicable
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	Not Applicable
7	Defense installations	No	Not Applicable
8	Densely populated or built-up area	No	Not Applicable
9	Areas occupied by sensitive man-made land uses (*hospital, schools, places of worship, community facilities)*	Yes	<u>Educational Institutions:-</u> • Karnataka Polytechnic College - 1.3 Km • St. Aloysius Chapel college – 1.5 Km • Lourdes Central School – 0.8 Km <u>Hospitals:-</u> • Manipal College of Nursing – 1.4 Km • Krishna Nursing Home – 1.5 Km • KMC Centre for basic Sciences – 1.8 Km **Religious Structures:** • Kadri Manjunatha Temple – 1.4 Km
10	Areas containing important, high quality or scarce resources (*Ground water resources, surface*	No	Ground water resource: Ground water shall not be used for operation purpose. As

	resources, forestry, agriculture, fisheries, tourism, minerals)		well as proper Rain water harvesting systems provided to recharge ground water.
11	Areas already subjected to pollution or environmental damage. (*those where existing legal environment standards are exceeded)*	No	Not Applicable
12	Areas susceptible to natural hazard which could cause the project to present environmental problems	No	Not Applicable

"I hereby given undertaking that the data and information given in the application and enclosures and true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

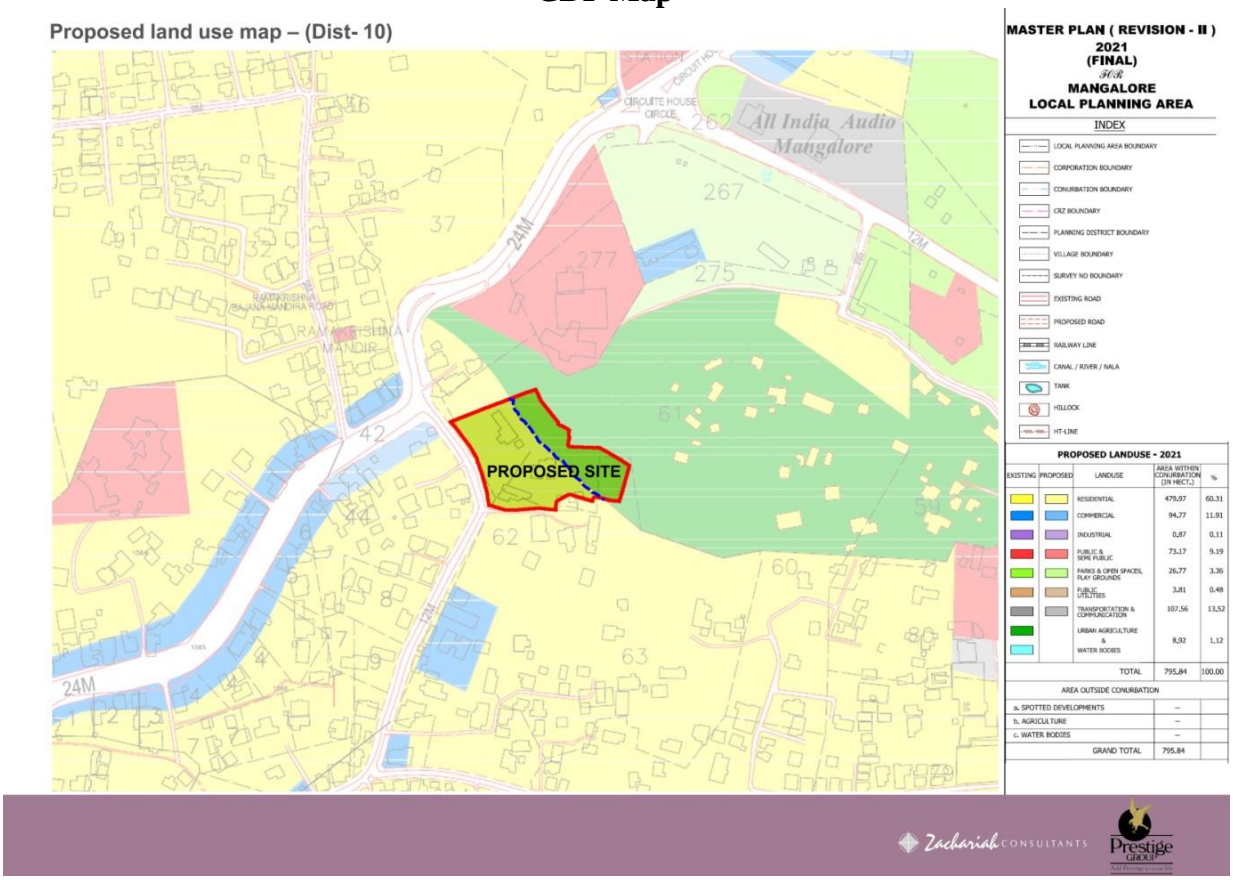
Date: _____

Place: _____ **Signature of the applicant**

Mr. Zaid Sadiq
Executive Director
Prestige Estates Projects Limited,
The Falcon House,
#1,Main Guard Cross road, Bangalore.

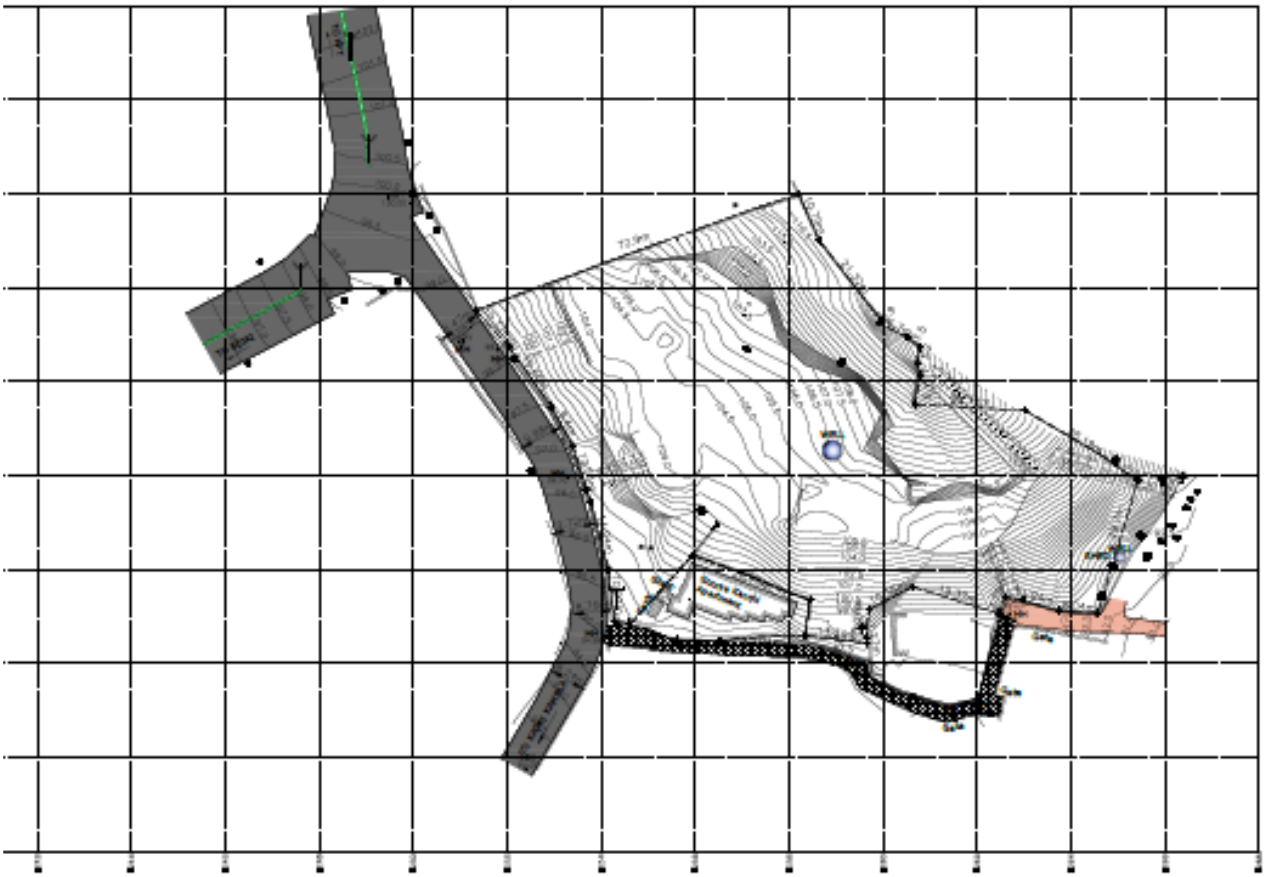
Annexure-1

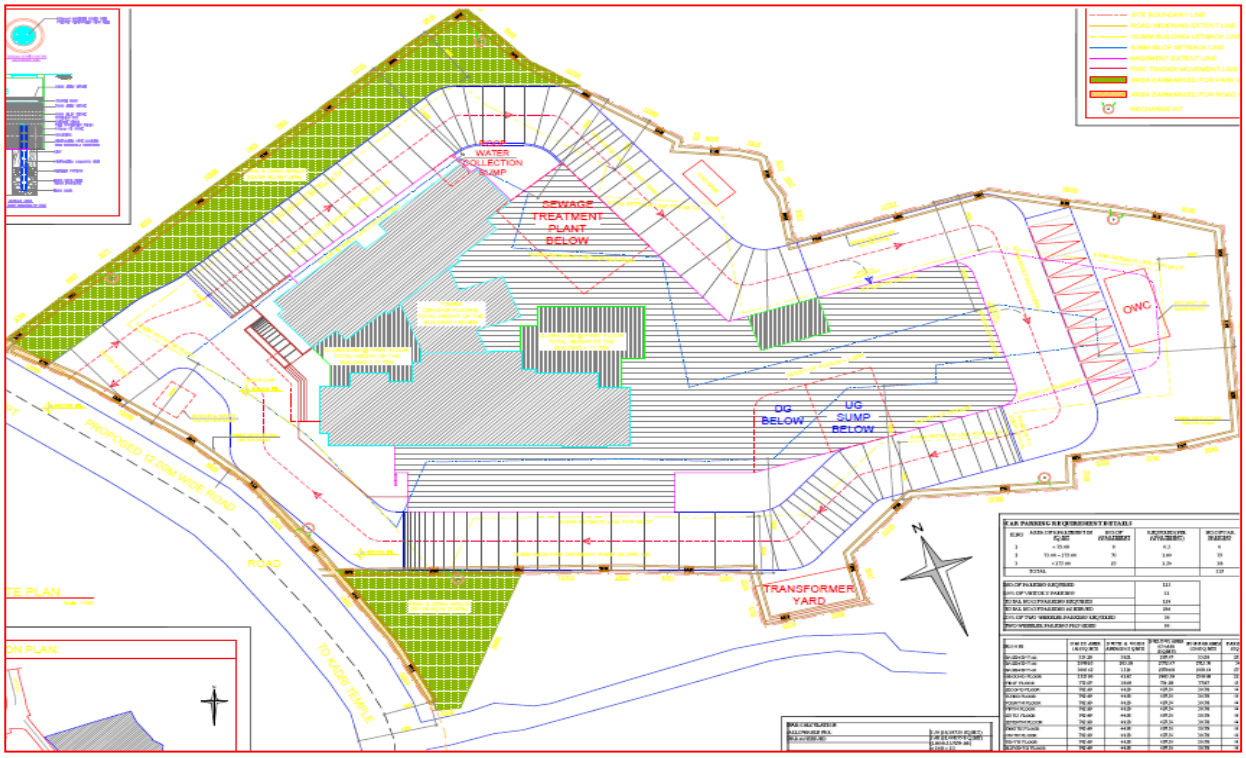
CDP Map



Annexure-2

Survey Map



Annexure-3

Master Plan