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3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

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Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™



A) WATER SUPPLY

Domestic Water Supply system (Potable Water Supply)

Domestic water supply system is consisting of,

- Domestic water storage tank,
- Water supply through gravity system from overhead tank.
- Supply through pipe line network for each floor and each apartment.

B) SEWAGE DISPOSAL

Sewage Treatment Plant is planned for entire building.

The drain from all the Flat's toilets will be flowing down due to gravity.

1. Water from bathroom and kitchen runs through one main drainage pipe leading to the Sewage Treatment Plant.
2. The sewage generated from the various sources will be collected in the equalization tank through the screen chamber to remove floating material and particle size greater than 20 mm. The Screened sewage is then led to the aeration tank through Raw Sewage Transfer Pump. Coarse bubble diffusers are provided in the collection tank. In the aeration tank, air is diffused through special type of diffusers to oxidize the organic matters with the help of air blower & diffuser arrangement. Biological treatment takes place through MBBR media. The MBBR (Moving Bed Bio Reactor) media which introduced in to the aeration system to increase the surface area of the aeration tank, the bacteria will fix in the rough surface the plastic media is submersible floating conditions will enhance the growth of microorganism and improve the BOD reduction in the aeration tank, Then the overflow from aeration tank is sent to the Settler tank for settling. The bioflocs formed in the aeration tank will be settled at the bottom of the Settler tank through Clarifier rake mechanism and the settled sludge will be pumped to the sludge holding tank through the return sludge pump. From sludge holding tank, the sludge will be fed to filter press unit.

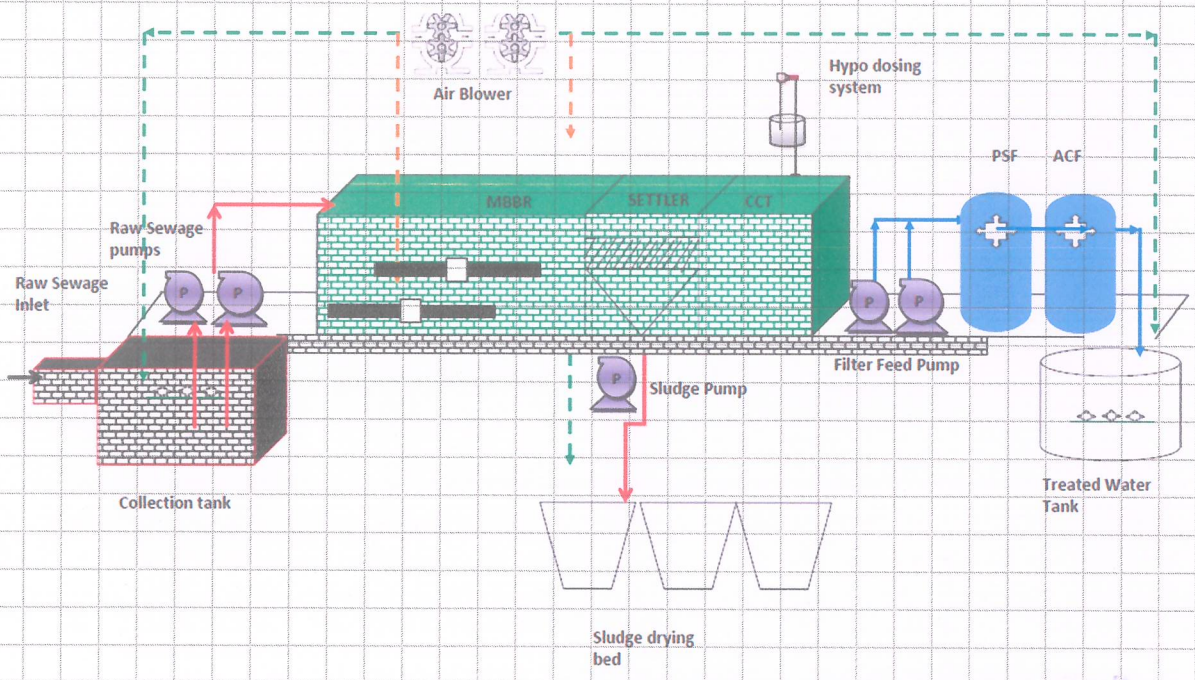
For ROYAL LAND & DEVELOPERS PVT. LTD.

Director

ROYAL LAND & DEVELOPERS PRIVATE LIMITED
New No. 6, Old No. 23, Western Wing, Krishnama Road, 1st Floor, Nungambakkam, Chennai - 600 034.
Mobile : +91 99621 10860 Email : support@rldsweethomez.com CIN : U70101TN 2004PTC055007
Website : www.rldsweethomez.com

3. The clarified overflow will be collected in the Clarified water tank where sodium hypochlorite is given online with the help of dosing system for disinfection purpose. The disinfected water is then fed to the Pressure Sand Filter, Activated. Carbon Filter and Water Softener through Filter feed pump for the removal of suspended solids, organic matter, odour and salt of Calcium & magnesium (Hardness).In this process MLSS concentration in aeration tank will be maintained. To maintain this concentration sludge from secondary clarifier will be recirculated to aeration tank. The microorganisms present in the sludge will digest the organic compounds present in the sewage and thus reduces BOD and COD content of the inlet sewage. Oxygen required for the survival of the microorganisms will be supplied through air blower and diffuser arrangements.

The treated water can be used for flushing & gardening purpose.



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C) SOLID WASTE DISPOSAL –

Mechanical Composting is the most efficient and effective mode of Municipal solid waste disposal, carried out through a cylindrical container having multipurpose churning and chopping systems working simultaneously to crush and mix the waste matter so as to cut down on the volume and faster pre-decomposition.

The 100% segregated bio-degradable waste has to be treated in the mechanical composting machine.

D) RENEWABLE ENERGY

ROOF TOP SOLAR PV SYSTEM:

A rooftop PV system, is a photovoltaic (PV) system that has its electricity-generating solar panels mounted on the rooftop of a residential building. This system can be On-grid or Off-grid.

E) FIRE FIGHTING (For MSB) – Provided As per NBC

F) EMERGENCY EVACUATION SERVICES (For MSB) – provided As per NBC

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our services doesn't just end there

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Property Development & Approvals

Building plan approvals, construction, layout and sub-division approvals, zone conversion, and occupancy certification.

NRI & Investment Services

Escrow Services, Rentals, Litigation Solutions, Property Valuation and Property Management

Compliance & Special Services

Demolition, Vaasthu checks, regularization of unauthorized buildings, and office space solutions.



empowering your real estate decisions with smart tools

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

Verified RealEstate™

We're honored to be part of your real estate journey

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