

# **FLAMINGO GREENS RESIDENTIAL LAYOUT**

## **PROJECT SPECIFICATIONS**

### **1. Layout plan as per BMICAPA approved plan**

### **2. Box type storm water drains**

- Width of drain—23 inches (Outer to Outer)
- Depth of drains—18 Inches (Excl raft concrete and PCC)
- Vertical Wall thickness—4 Inches
- Raft concrete thickness- 3 Inches
- PCC at the bottom- 3 Inches
- Concrete- M20 for Raft and walls
- Concrete- M10 for PCC

### **3. Underground Drainage:**

- Location / Orientation: UGD Lines to be constructed on the right side of the road
- Slope required for smooth flow: Minimum of 2 inch slope for 6 meters length of pipe
- Depth in which the underground drain pipes are to be laid:  
1 meter
- Distance from the site edge—5 feet (center of the pipe)
- Main UGD line Pipe Diameter specified:  
6 Inch Dia Eco Drain Pipe— Supreme Make
- Individual lines to the plots, Diameter of pipes specified:  
4 Inch Dia Eco Drain Pipe—Supreme Make

#### **4. UGD Chambers:**

- Construction with red bricks and cement mortar
- Depth of 1 meter
- Chamber Cap Diameter: 60 cms

#### **5. Underground Water lines:**

- Location / Orientation: Underground water lines to be constructed on the left side of the road
- Depth in which the underground water pipes are to be laid: 2.5 ft
- Distance from the site edge, where the water line pipes are to be laid: 2.5 ft
- Main line Pipe Diameter specified:  
2-1/2 Inches Dia – UPVC Pipe-Supreme Make
- Individual lines to the plots, Diameter of pipes specified:  
3/4 Inches Dia—UPVC pipe- Supreme Make

#### **6. Overhead Tank:**

- Capacity: 50,000 liters
- Staging: 7.5 meters total
- No of stages: 3
- Detailed specifications as per drawing

#### **7. RCC Sump Tank:**

- Capacity: 25,867 liters
- Length: 18 ft 3 Inches---Inner
- Width: 8 ft 6 Inches--Inner
- Depth: 5ft 9 Inches--
- Wall thickness: 6 Inches

For VIBRIANT IMPEX PVT. LTD.

  
Director

## **8.Roads:**

- Surface preparation: Road cutting for a depth of 6 inches, rolling, watering and compacting--- for a width of 6 meters (20ft)
- Kerb stones( 2ft length and 1 feet height) on either side of the planned road area (ie at 6 meters span)
- Wetmix thickness: 4 inches, after compacting
- Tarring: 40 mm thickness

## **9.Electrical System:**

- Over head electrical system as per approved drawing of CESCO

## **10. Sewage Collection Tank:**

- 50,000 Liters capacity as per the Drawing.

## **11. Parks and CA fencing:**

- Vertical Iron square pipes at 10 ft span for the entire boundary of CA and parks; to be concreted at the base; horizontal square pipes at 3 ft span (one at the top and another at the bottom) to be welded to the vertical poles.
- PCC at the bottom to facilitate block work
- Block work to be done at the bottom between the pipe and floor, to block the gap.
- Wire mesh to be welded to the frame of horizontal and vertical pipes

For VIBRIANT IMPEX PVT. LTD.



Director

R.Hariharan

Managing Director